

## Excellent Integrated System Limited

Stocking Distributor

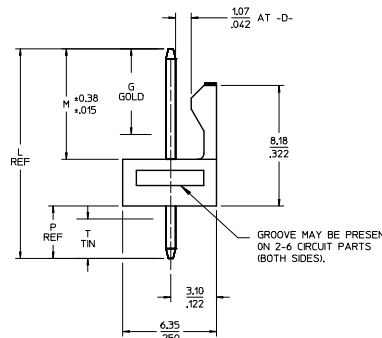
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[Molex Connector Corporation](#)  
[0022112117](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

| CKT | A     | B          | SLOTS LOCATION |
|-----|-------|------------|----------------|
| 02  | 4.93  | 2.54±0.05  | NONE           |
| 03  | 2.42  | 5.08±0.10  | NONE           |
| 04  | 10.01 | 7.62±0.13  | NONE           |
| 05  | 12.55 | 10.16±0.13 | NONE           |
| 06  | 15.09 | 12.70±0.13 | 4, 5           |
| 07  | 17.63 | 15.24±0.13 | 4, 5           |
| 08  | 20.17 | 17.78±0.15 | 4, 5           |
| 09  | 22.71 | 20.32±0.15 | 4, 5           |
| 10  | 25.25 | 22.86±0.15 | 4, 5           |
| 11  | 27.79 | 25.40±0.18 | 4, 5           |
| 12  | 30.33 | 27.94±0.18 | 4, 5           |
| 13  | 32.87 | 30.48±0.18 | 4, 5           |
| 14  | 35.41 | 33.02±0.18 | 4, 5           |
| 15  | 37.95 | 35.56±0.21 | 4, 5           |
| 16  | 40.49 | 38.10±0.20 | 4, 5           |
| 17  | 43.03 | 40.64±0.20 | 4, 5           |
| 18  | 45.57 | 43.18±0.20 | 4, 5           |
| 19  | 48.11 | 45.72±0.23 | 4, 5           |
| 20  | 50.65 | 48.26±0.23 | 4, 5           |
| 21  | 53.19 | 50.80±0.23 | 4, 5           |
| 22  | 55.73 | 53.34±0.23 | 4, 5           |
| 23  | 58.27 | 55.88±0.23 | 4, 5           |
| 24  | 60.81 | 58.42±0.26 | 4, 5           |
| 25  | 63.35 | 60.96±0.25 | 4, 5           |
| 26  | 65.89 | 63.50±0.25 | 4, 5           |
| 27  | 68.43 | 66.04±0.25 | 4, 5           |
| 28  | 70.97 | 68.58±0.25 | 4, 5           |



- NOTES:
- MATERIAL: NYLON, UL 94V-0, COLOR - WHITE.
  - FINISH:
    - (197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.
    - (154) = OVERALL TIN: 0.00254/.000100 MIN OVER 0.00127/.000050 MIN NICKEL.
    - (225) = OVERALL MATTE TIN: 0.00254/.000100 MIN OVER 0.00127/.000050 MIN NICKEL.
    - (228) = SELECT GOLD: 0.00005/.000030 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
    - (239) = SELECT GOLD: 0.00127/.000050 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
    - (241) = SELECT GOLD: 0.00051/.000020 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
  - PRODUCT SPECIFICATION AND PROCESS PARAMETERS: PS-10-07.
  - PACKAGING INFORMATION: SEE LEGEND.
  - PARTS ARE STACKABLE END TO END ON 2.54/.100 CENTERS.
  - CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION, CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
  - PIN PUSHOUT FORCE: 2 LBS MIN.
  - FOR PIN DIMENSIONS, SEE APPLICABLE DRAWING.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



|     |     |
|-----|-----|
| 2+  | BDS |
| 1   | BDS |
| SHT | REV |

|              |               |
|--------------|---------------|
| ADD          | 46999-0801    |
| ECC NO:      | UICP2016-4061 |
| DRW/KW/PRR   | 2016/04/15    |
| CHKD/BELL    | 2016/04/15    |
| APPR/F:SMITH | 2016/05/12    |
| DESCRIPTION  |               |
| REV          |               |

| QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |        |
|-----------------|---------------------------------------|--------|
|                 | mm                                    | INCH   |
| $\nabla=0$      | 4 PLACES ± .010                       | ± .005 |
| $\nabla=0$      | 3 PLACES ± .010                       | ± .010 |
| $\nabla=0$      | 2 PLACES ± .025                       | ± .015 |
|                 | 1 PLACE ± 0.38                        | ± .010 |
|                 | 0 PLACE ±                             | ±      |

| DRAWN BY    |  | DATE       |  |
|-------------|--|------------|--|
| SAMIEC      |  | 2004/03/31 |  |
| CHECKED BY  |  | DATE       |  |
| SAMIEC      |  | 2004/03/31 |  |
| APPROVED BY |  | DATE       |  |
| FSMITH      |  | 2010/12/03 |  |

| SCALE   | DESIGN UNITS | THIRD ANGLE PROJECTION |
|---|--------------|------------------------|
| 4:1   | INCH         |                        |
| TITLE   |              |                        |
| KK 100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY |              |                        |
| MATERIAL NO.                                    |              |                        |
| SEE CHART                                       |              |                        |
| DOCUMENT NO.                                    |              |                        |
| SD-6373-001                                     |              |                        |
| SHEET NO.                                       |              |                        |
| 1 OF *  |              |                        |



| GROUP:        | A-6373-NA222*             |               |     |                 |                  |                  |     |                 |                  |                   |     |                 |                  |                      |
|---------------|---------------------------|---------------|-----|-----------------|------------------|------------------|-----|-----------------|------------------|-------------------|-----|-----------------|------------------|----------------------|
| PIN NUMBER:   | 42663-0306 OR 2766-1(222) |               |     |                 |                  |                  |     |                 |                  |                   |     |                 |                  |                      |
| PIN LENGTH: L | .560 / (14.22)            |               |     |                 |                  |                  |     |                 |                  |                   |     |                 |                  |                      |
| MATING: M     | .295 / (7.49)             |               |     |                 |                  | DIM. G           |     | N/A             |                  |                   |     |                 |                  |                      |
| PC TAIL: P    | .140 / (3.56)             |               |     |                 |                  | DIM T            |     | OVERALL         |                  |                   |     |                 |                  |                      |
| PACKAGING:    | PK-6373-001 BULK          |               |     |                 |                  |                  |     |                 |                  |                   |     |                 |                  |                      |
| CKT           | MATERIAL NUMBER           | ENG NUMBER    | CKT | MATERIAL NUMBER | ENG NUMBER       | VOID CKT         | CKT | MATERIAL NUMBER | ENG NUMBER       | VOID CKT          | CKT | MATERIAL NUMBER | ENG NUMBER       | VOID CKT             |
| 2             | 22-23-2021                | A-6373-02A222 | 9   | 22-04-5094      | A-6373-09A222-4  | 4                | 11  | 22-04-5117      | A-6373-11A222-7  | 7                 | 07  | 22-04-5076      | A-6373-07A222-2  | 2                    |
| 3             | 22-23-2031                | A-6373-03A222 | 9   | 22-04-5096      | A-6373-09A222-6  | 6                | 06  | 22-04-5063      | A-6373-06A222-3  | 3                 | 07  | 22-04-5077      | A-6373-07A222-6  | 6                    |
| 4             | 22-23-2041                | A-6373-04A222 | 11  | 22-04-5114      | A-6373-11A222-4  | 4                | 10  | 22-04-5101      | A-6373-10A222-1  | 1                 | 06  | 22-04-5069      | A-6373-06A222-54 | 4, 5                 |
| 5             | 22-23-2051                | A-6373-05A222 | 11  | 22-04-5118      | A-6373-11A222-8  | 8                | 10  | 22-04-5102      | A-6373-10A222-2  | 2                 | 25  | 22-04-5252      | A-6373-25A222-2  | 2                    |
| 6             | 22-23-2061                | A-6373-06A222 | 08  | 22-04-5083      | A-6373-08A222-3  | 3                | 10  | 22-04-5103      | A-6373-10A222-3  | 3                 | 08  | 22-04-5086      | A-6373-08A222-6  | 6                    |
| 7             | 22-23-2071                | A-6373-07A222 | 08  | 22-04-5082      | A-6373-08A222-2  | 2                | 15  | 22-04-5154      | A-6373-15A222-14 | 14                | 08  | 22-04-5087      | A-6373-08A222-52 | 2,3,5,6,7            |
| 8             | 22-23-2081                | A-6373-08A222 | 10  | 22-04-5106      | A-6373-10A222-6  | 6                | 05  | 22-04-5052      | A-6373-05A222-2  | 2                 | 10  | 22-04-5105      | A-6373-10A222-5  | 5                    |
| 9             | 22-23-2091                | A-6373-09A222 | 04  | 22-04-5043      | A-6373-04A222-3  | 3                | 08  | 22-04-5084      | A-6373-08A222-4  | 4                 | 05  | 22-04-5057      | A-6373-05A222-52 | 2, 4                 |
| 10            | 22-23-2101                | A-6373-10A222 | 08  | 22-04-5081      | A-6373-08A222-51 | 2,4,6            | 06  | 22-04-5064      | A-6373-06A222-4  | 4                 | 19  | 22-04-5198      | A-6373-19A222-8  | 8                    |
| 11            | 22-23-2111                | A-6373-11A222 | 09  | 22-04-5093      | A-6373-09A222-3  | 3                | 03  | 22-04-5031      | A-6373-03A222-1  | 1                 | 11  | 22-04-5119      | A-6373-11A222-51 | 2,4,6,8,10           |
| 12            | 22-23-2121                | A-6373-12A222 | 08  | 22-04-5085      | A-6373-08A222-5  | 5                | 05  | 22-04-5053      | A-6373-05A222-3  | 3                 | 12  | 22-04-5129      | A-6373-12A222-11 | 11                   |
| 13            | 22-23-2131                | A-6373-13A222 | 06  | 22-04-5065      | A-6373-06A222-5  | 5                | 11  | 22-04-5116      | A-6373-11A222-6  | 6                 | 08  | 22-04-5088      | A-6373-08A222-53 | 4, 6                 |
| 14            | 22-23-2141                | A-6373-14A222 | 07  | 22-04-5072      | A-6373-07A222-52 | 2,4,6            | 07  | 22-04-5074      | A-6373-07A222-4  | 4                 | 04  | 22-04-5044      | A-6373-04A222-4  | 4                    |
| 15            | 22-23-2151                | A-6373-15A222 | 06  | 22-04-5062      | A-6373-06A222-2  | 2                | 10  | 22-04-5079      | A-6373-10A222-52 | 2,3,5,6,8,9       | 27  | 22-04-5277      | A-6373-27A222-51 | 3,7,9,11,14,16,21,23 |
| 16            | 22-23-2161                | A-6373-16A222 | 07  | 22-04-5071      | A-6373-07A222-51 | 2,3,5,6          | 04  | 22-04-5049      | A-6373-04A222-51 | 2,3               |     |                 |                  |                      |
| 17            | 22-23-2171                | A-6373-17A222 | 10  | 22-04-5100      | A-6373-10A222-10 | 10               | 04  | 22-04-5048      | A-6373-04A222-52 | 2,4               | 11  | 22-04-5115      | A-6373-11A222-52 | 5, 6                 |
| 18            | 22-23-2181                | A-6373-18A222 | 10  | 22-04-5109      | A-6373-10A222-9  | 9                | 04  | 22-04-5041      | A-6373-04A222-1  | 1                 | 24  | 22-23-3245      | A-6373-24A222-23 | 23                   |
| 19            | 22-23-2191                | A-6373-19A222 | 10  | 22-04-5108      | A-6373-10A222-8  | 8                | 03  | 22-04-5032      | A-6373-03A222-2  | 2                 | 11  | 22-23-3115      | A-6373-11A222-10 | 10                   |
| 20            | 22-23-2201                | A-6373-20A222 | 05  | 22-04-5054      | A-6373-05A222-4  | 4                | 13  | 22-04-5139      | A-6373-13A222-9  | 9                 | 15  | 22-23-3155      | A-6373-15A222-15 | 15                   |
| 21            | 22-23-2211                | A-6373-21A222 | 03  | 22-04-5033      | A-6373-03A222-3  | 3                | 12  | 22-04-5126      | A-6373-12A222-6  | 6                 | 08  | 22-04-5089      | A-6373-08A222-54 | 2, 5                 |
| 22            | 22-23-2221                | A-6373-22A222 | 07  | 22-04-5075      | A-6373-07A222-5  | 5                | 13  | 22-04-5131      | A-6373-13A222-51 | 2,3,5,6,8,9,11,12 | 06  | 22-23-2069      | A-6373-06A222-55 | 2,3,4,5              |
| 23            | 22-23-2231                | A-6373-23A222 | 07  | 22-04-5073      | A-6373-07A222-3  | 3                | 06  | 22-04-5066      | A-6373-06A222-52 | 3,5               | 07  | 22-23-2079      | A-6373-07A222-53 | 2,3,4,5,6            |
| 24            | 22-23-2241                | A-6373-24A222 | 14  | 22-04-5149      | A-6373-14A222-9  | 9                | 05  | 22-04-5056      | A-6373-05A222-51 | 1,3,5             | 13  | 22-23-1137      | A-6373-13A222-53 | 3,6,10,12            |
| 25            | 22-23-2251                | A-6373-25A222 | 15  | 22-04-5152      | A-6373-15A222-2  | 2                | 06  | 22-04-5067      | A-6373-06A222-53 | 1, 5              | 10  | 22-23-1107      | A-6373-10A222-53 | 4,7                  |
| 26            | 22-23-2261                | A-6373-26A222 | 11  | 50-29-1594      | A-6373-11A222-53 | 2,3,4,5,7,8,9,10 | 06  | 22-04-5068      | A-6373-06A222-6  | 6                 | 18  | 22-23-1187      | A-6373-18A222-5  | 5                    |
| 27            | 22-23-2271                | A-6373-27A222 |     |                 |                  |                  | 02  | 22-04-5021      | A-6373-02A222-1  | 1                 | 18  | 22-23-1188      | A-6373-18A222-7  | 7                    |
| 28            | 22-23-2281                | A-6373-28A222 | 13  | 22-04-5132      | A-6373-13A222-52 | 8, 9             | 04  | 22-04-5042      | A-6373-04A222-2  | 2                 | 12  | 50-29-0096      | A-6373-12A222-8  | 8                    |

|                        |                       |  |               |
|------------------------|-----------------------|--|---------------|
| REV:                   | ECR/ECN INFORMATION:  | TITLE:   | SHEET No.     |
| <b>BD5</b>             | EC No.: UCP2016-4061  | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 2 -</b>  |
|                        | DATE: 5/16/2016       |  |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY: | CHECKED BY:  | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>        | <b>JBELL</b>   | <b>FSMITH</b> |

| GROUP:        |                 | A-6373-NC197-*   |      |                 |            |          |
|---------------|-----------------|------------------|------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0242       |      |                 |            |          |
| PIN LENGTH: L |                 | .530 / (13.46)   |      |                 |            |          |
| MATING: M     | .260 / (6.60)   | DIM. G           |      | N/A             |            |          |
| PC TAIL: P    | .145 / (3.68)   | DIM T            |      | OVERALL         |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2023      | A-6373-02C197    |      |                 |            |          |
| 3             | 22-23-2033      | A-6373-03C197    |      |                 |            |          |
| 4             | 22-23-2043      | A-6373-04C197    |      |                 |            |          |
| 5             | 22-23-2053      | A-6373-05C197    |      |                 |            |          |
| 6             | 22-23-2063      | A-6373-06C197    |      |                 |            |          |
| 7             | 22-23-2073      | A-6373-07C197    |      |                 |            |          |
| 8             | 22-23-2083      | A-6373-08C197    |      |                 |            |          |
| 9             | 22-23-2093      | A-6373-09C197    |      |                 |            |          |
| 10            | 22-23-2103      | A-6373-10C197    |      |                 |            |          |
| 11            | 22-23-2113      | A-6373-11C197    |      |                 |            |          |
| 12            | 22-23-2123      | A-6373-12C197    |      |                 |            |          |
| 13            | 22-23-2133      | A-6373-13C197    |      |                 |            |          |
| 14            | 22-23-2143      | A-6373-14C197    |      |                 |            |          |
| 15            | 22-23-2153      | A-6373-15C197    |      |                 |            |          |
| 16            | 22-23-2163      | A-6373-16C197    |      |                 |            |          |
| 17            | 22-23-2173      | A-6373-17C197    |      |                 |            |          |
| 18            | 22-23-2183      | A-6373-18C197    |      |                 |            |          |
| 19            | 22-23-2193      | A-6373-19C197    |      |                 |            |          |
| 20            | 22-23-2203      | A-6373-20C197    |      |                 |            |          |
| 21            | 22-23-2213      | A-6373-21C197    |      |                 |            |          |
| 22            | 22-23-2223      | A-6373-22C197    |      |                 |            |          |
| 23            | 22-23-2233      | A-6373-23C197    |      |                 |            |          |
| 24            | 22-23-2243      | A-6373-24C197    |      |                 |            |          |
| 25            | 22-23-2253      | A-6373-25C197    |      |                 |            |          |
| 26            | 22-23-2263      | A-6373-26C197    |      |                 |            |          |
| 27            | 22-23-2273      | A-6373-27C197    |      |                 |            |          |
| 28            | 22-23-2283      | A-6373-28C197    |      |                 |            |          |

| GROUP:        |                 | A-6373-NV228-*   |      |                 |            |          |
|---------------|-----------------|------------------|------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0243       |      |                 |            |          |
| PIN LENGTH: L |                 | .530 / (13.46)   |      |                 |            |          |
| MATING: M     | .295 / (7.49)   | DIM. G           |      | .140 / (3.56)   |            |          |
| PC TAIL: P    | .110 / (2.79)   | DIM T            |      | .135 / (3.43)   |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-15-3029      | A-6373-02V228    |      |                 |            |          |
| 3             | 22-15-3039      | A-6373-03V228    |      |                 |            |          |
| 4             | 22-15-3049      | A-6373-04V228    |      |                 |            |          |
| 5             | 22-15-3059      | A-6373-05V228    |      |                 |            |          |
| 6             | 22-15-3069      | A-6373-06V228    |      |                 |            |          |
| 7             | 22-15-3079      | A-6373-07V228    |      |                 |            |          |
| 8             | 22-15-3089      | A-6373-08V228    |      |                 |            |          |
| 9             | 22-15-3099      | A-6373-09V228    |      |                 |            |          |
| 10            | 22-15-3109      | A-6373-10V228    |      |                 |            |          |
| 11            | 22-15-3119      | A-6373-11V228    |      |                 |            |          |
| 12            | 22-15-3129      | A-6373-12V228    |      |                 |            |          |
| 13            | 22-15-3139      | A-6373-13V228    |      |                 |            |          |
| 14            | 22-15-3149      | A-6373-14V228    |      |                 |            |          |
| 15            | 22-15-3159      | A-6373-15V228    |      |                 |            |          |
| 16            | 22-15-3169      | A-6373-16V228    |      |                 |            |          |
| 17            | 22-15-3179      | A-6373-17V228    |      |                 |            |          |
| 18            | 22-15-3189      | A-6373-18V228    |      |                 |            |          |
| 19            | 22-15-3199      | A-6373-19V228    |      |                 |            |          |
| 20            | 22-15-3209      | A-6373-20V228    |      |                 |            |          |
| 21            | 22-15-3219      | A-6373-21V228    |      |                 |            |          |
| 22            | 22-15-3229      | A-6373-22V228    |      |                 |            |          |
| 23            | 22-15-3239      | A-6373-23V228    |      |                 |            |          |
| 24            | 22-15-3249      | A-6373-24V228    |      |                 |            |          |
| 25            | 22-15-3259      | A-6373-25V228    |      |                 |            |          |
| 26            | 22-15-3269      | A-6373-26V228    |      |                 |            |          |
| 27            | 22-15-3279      | A-6373-27V228    |      |                 |            |          |
| 28            | 22-15-3289      | A-6373-28V228    |      |                 |            |          |

|   |                             |  |   |                                      |
|---|-----------------------------|--|---|--------------------------------------|
| <b>REV:</b><br><br><b>BD5</b>                     | <u>ECR/ECN INFORMATION:</u> |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <u>SHEET No.</u><br><br><b>- 3 -</b> |
|   | EC No.: <b>UCP2016-4061</b> |  |   |                                      |
|   | DATE: <b>5/16/2016</b>      |  |   |                                      |
| <u>DOCUMENT NUMBER:</u><br><b>SD - 6373 - 001</b> |                             | <u>CREATED / REVISED BY:</u><br><b>MKIPPER</b> | <u>CHECKED BY:</u><br><b>JBELL</b>  | <u>APPROVED BY:</u><br><b>FSMITH</b> |



| GROUP:        |                 | A-6373-NE197-*   |      |                 |            |          |
|---------------|-----------------|------------------|------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0682       |      |                 |            |          |
| PIN LENGTH: L |                 | .750 / (19.05)   |      |                 |            |          |
| MATING: M     | .260 / (6.60)   | DIM. G           |      | N/A             |            |          |
| PC TAIL: P    | .365 / (9.27)   | DIM T            |      | OVERALL         |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2025      | A-6373-02E197    |      |                 |            |          |
| 3             |                 | A-6373-03E197    |      |                 |            |          |
| 4             |                 | A-6373-04E197    |      |                 |            |          |
| 5             | 22-23-2055      | A-6373-05E197    |      |                 |            |          |
| 6             | 22-23-2065      | A-6373-06E197    |      |                 |            |          |
| 7             |                 | A-6373-07E197    |      |                 |            |          |
| 8             |                 | A-6373-08E197    |      |                 |            |          |
| 9             |                 | A-6373-09E197    |      |                 |            |          |
| 10            | 22-23-2105      | A-6373-10E197    |      |                 |            |          |
| 11            |                 | A-6373-11E197    |      |                 |            |          |
| 12            |                 | A-6373-12E197    |      |                 |            |          |
| 13            |                 | A-6373-13E197    |      |                 |            |          |
| 14            |                 | A-6373-14E197    |      |                 |            |          |
| 15            | 22-23-2155      | A-6373-15E197    |      |                 |            |          |
| 16            |                 | A-6373-16E197    |      |                 |            |          |
| 17            |                 | A-6373-17E197    |      |                 |            |          |
| 18            |                 | A-6373-18E197    |      |                 |            |          |
| 19            |                 | A-6373-19E197    |      |                 |            |          |
| 20            |                 | A-6373-20E197    |      |                 |            |          |
| 21            |                 | A-6373-21E197    |      |                 |            |          |
| 22            |                 | A-6373-22E197    |      |                 |            |          |
| 23            |                 | A-6373-23E197    |      |                 |            |          |
| 24            |                 | A-6373-24E197    |      |                 |            |          |
| 25            |                 | A-6373-25E197    |      |                 |            |          |
| 26            |                 | A-6373-26E197    |      |                 |            |          |
| 27            |                 | A-6373-27E197    |      |                 |            |          |
| 28            |                 | A-6373-28E197    |      |                 |            |          |

| GROUP:        |                 | A-6373-NY241-*   |      |                 |            |          |
|---------------|-----------------|------------------|------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0443       |      |                 |            |          |
| PIN LENGTH: L |                 | .630 / (16.00)   |      |                 |            |          |
| MATING: M     | .318 / (8.08)   | DIM. G           |      | .140 / (3.56)   |            |          |
| PC TAIL: P    | .187 / (4.75)   | DIM T            |      | .135 / (3.43)   |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-11-2026      | A-6373-02Y241    |      |                 |            |          |
| 3             | 22-11-2036      | A-6373-03Y241    |      |                 |            |          |
| 4             | 22-11-2046      | A-6373-04Y241    |      |                 |            |          |
| 5             | 22-11-2056      | A-6373-05Y241    |      |                 |            |          |
| 6             | 22-11-2066      | A-6373-06Y241    |      |                 |            |          |
| 7             | 22-11-2076      | A-6373-07Y241    |      |                 |            |          |
| 8             | 22-11-2086      | A-6373-08Y241    |      |                 |            |          |
| 9             | 22-11-2096      | A-6373-09Y241    |      |                 |            |          |
| 10            | 22-11-2106      | A-6373-10Y241    |      |                 |            |          |
| 11            | 22-11-2116      | A-6373-11Y241    |      |                 |            |          |
| 12            | 22-11-2126      | A-6373-12Y241    |      |                 |            |          |
| 13            | 22-11-2136      | A-6373-13Y241    |      |                 |            |          |
| 14            | 22-11-2146      | A-6373-14Y241    |      |                 |            |          |
| 15            | 22-11-2156      | A-6373-15Y241    |      |                 |            |          |
| 16            | 22-11-2166      | A-6373-16Y241    |      |                 |            |          |
| 17            | 22-11-2176      | A-6373-17Y241    |      |                 |            |          |
| 18            | 22-11-2186      | A-6373-18Y241    |      |                 |            |          |
| 19            | 22-11-2196      | A-6373-19Y241    |      |                 |            |          |
| 20            | 22-11-2206      | A-6373-20Y241    |      |                 |            |          |
| 21            | 22-11-2216      | A-6373-21Y241    |      |                 |            |          |
| 22            | 22-11-2226      | A-6373-22Y241    |      |                 |            |          |
| 23            | 22-11-2236      | A-6373-23Y241    |      |                 |            |          |
| 24            | 22-11-2246      | A-6373-24Y241    |      |                 |            |          |
| 25            | 22-11-2256      | A-6373-25Y241    |      |                 |            |          |
| 26            | 22-11-2266      | A-6373-26Y241    |      |                 |            |          |
| 27            | 22-11-2276      | A-6373-27Y241    |      |                 |            |          |
| 28            | 22-11-2286      | A-6373-28Y241    |      |                 |            |          |

|  |   |  |                               |
|--|---|--|-------------------------------|
| REV:<br><b>BD5</b>                         | ECR/ECN INFORMATION:                    | TITLE:   | SHEET No.                     |
|  | EC No.: UCP2016-4061                    | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 4 -</b>                  |
|  | DATE: 5/16/2016                         |  |                               |
| DOCUMENT NUMBER:<br><b>SD - 6373 - 001</b> | CREATED / REVISED BY:<br><b>MKIPPER</b> | CHECKED BY:<br><b>JBELL</b>                                | APPROVED BY:<br><b>FSMITH</b> |



| GROUP:        |                 | A-6373-NAB197-*  |      |                 |            |          |
|---------------|-----------------|------------------|------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0582       |      |                 |            |          |
| PIN LENGTH: L |                 | .700 / (17.78)   |      |                 |            |          |
| MATING: M     | .286 / (7.26)   | DIM. G           |      | N/A             |            |          |
| PC TAIL: P    | .289 / (7.34)   | DIM T            |      | OVERALL         |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             |                 | A-6373-02AB197   |      |                 |            |          |
| 3             | 50-29-0052      | A-6373-03AB197   |      |                 |            |          |
| 4             | 50-29-0053      | A-6373-04AB197   |      |                 |            |          |
| 5             |                 | A-6373-05AB197   |      |                 |            |          |
| 6             |                 | A-6373-06AB197   |      |                 |            |          |
| 7             |                 | A-6373-07AB197   |      |                 |            |          |
| 8             | 50-29-0057      | A-6373-08AB197   |      |                 |            |          |
| 9             |                 | A-6373-09AB197   |      |                 |            |          |
| 10            | 50-29-0058      | A-6373-10AB197   |      |                 |            |          |
| 11            |                 | A-6373-11AB197   |      |                 |            |          |
| 12            |                 | A-6373-12AB197   |      |                 |            |          |
| 13            |                 | A-6373-13AB197   |      |                 |            |          |
| 14            |                 | A-6373-14AB197   |      |                 |            |          |
| 15            |                 | A-6373-15AB197   |      |                 |            |          |
| 16            |                 | A-6373-16AB197   |      |                 |            |          |
| 17            |                 | A-6373-17AB197   |      |                 |            |          |
| 18            |                 | A-6373-18AB197   |      |                 |            |          |
| 19            |                 | A-6373-19AB197   |      |                 |            |          |
| 20            |                 | A-6373-20AB197   |      |                 |            |          |
| 21            |                 | A-6373-21AB197   |      |                 |            |          |
| 22            |                 | A-6373-22AB197   |      |                 |            |          |
| 23            |                 | A-6373-23AB197   |      |                 |            |          |
| 24            |                 | A-6373-24AB197   |      |                 |            |          |
| 25            |                 | A-6373-25AB197   |      |                 |            |          |
| 26            |                 | A-6373-26AB197   |      |                 |            |          |
| 27            |                 | A-6373-27AB197   |      |                 |            |          |
| 28            |                 | A-6373-28AB197   |      |                 |            |          |

| GROUP:        |                 | A-6373-NA231-*   |      |                 |            |          |
|---------------|-----------------|------------------|------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0307       |      |                 |            |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |      |                 |            |          |
| MATING: M     | .295 / (7.49)   | DIM. G           |      | .140 / (3.56)   |            |          |
| PC TAIL: P    | .140 / (3.56)   | DIM T            |      | .135 / (3.43)   |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-04-5022      | A-6373-02A231    |      |                 |            |          |
| 3             | 46999-0800      | A-6373-03A231    |      |                 |            |          |
| 4             | 46999-0801      | A-6373-04A231    |      |                 |            |          |
| 5             |                 | A-6373-05A231    |      |                 |            |          |
| 6             |                 | A-6373-06A231    |      |                 |            |          |
| 7             |                 | A-6373-07A231    |      |                 |            |          |
| 8             |                 | A-6373-08A231    |      |                 |            |          |
| 9             |                 | A-6373-09A231    |      |                 |            |          |
| 10            |                 | A-6373-10A231    |      |                 |            |          |
| 11            |                 | A-6373-11A231    |      |                 |            |          |
| 12            |                 | A-6373-12A231    |      |                 |            |          |
| 13            |                 | A-6373-13A231    |      |                 |            |          |
| 14            |                 | A-6373-14A231    |      |                 |            |          |
| 15            |                 | A-6373-15A231    |      |                 |            |          |
| 16            |                 | A-6373-16A231    |      |                 |            |          |
| 17            |                 | A-6373-17A231    |      |                 |            |          |
| 18            |                 | A-6373-18A231    |      |                 |            |          |
| 19            |                 | A-6373-19A231    |      |                 |            |          |
| 20            |                 | A-6373-20A231    |      |                 |            |          |
| 21            |                 | A-6373-21A231    |      |                 |            |          |
| 22            |                 | A-6373-22A231    |      |                 |            |          |
| 23            |                 | A-6373-23A231    |      |                 |            |          |
| 24            |                 | A-6373-24A231    |      |                 |            |          |
| 25            |                 | A-6373-25A231    |      |                 |            |          |
| 26            |                 | A-6373-26A231    |      |                 |            |          |
| 27            |                 | A-6373-27A231    |      |                 |            |          |
| 28            |                 | A-6373-28A231    |      |                 |            |          |

|                        |                       |  |               |
|------------------------|-----------------------|--|---------------|
| REV:                   | ECR/ECN INFORMATION:  | TITLE:   | SHEET No.     |
| <b>BD5</b>             | EC No.: UCP2016-4061  | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 6 -</b>  |
|                        | DATE: 5/16/2016       |  |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY: | CHECKED BY:  | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>        | <b>JBELL</b>   | <b>FSMITH</b> |



| GROUP:        |                 | A-6373-NAH241-*  |       |                 |            |          |
|---------------|-----------------|------------------|-------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0305       |       |                 |            |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |       |                 |            |          |
| MATING: M     | .260 / (6.60)   | DIM. G           |       | .140 / (3.56)   |            |          |
| PC TAIL: P    | .175 / (4.45)   | DIM T            |       | .135 / (3.43)   |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |       |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CK TS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-6024      | A-6373-02AH241   |       |                 |            |          |
| 3             | 22-23-6034      | A-6373-03AH241   |       |                 |            |          |
| 4             | 22-23-6044      | A-6373-04AH241   |       |                 |            |          |
| 5             | 22-23-6054      | A-6373-05AH241   |       |                 |            |          |
| 6             | 22-23-6064      | A-6373-06AH241   |       |                 |            |          |
| 7             | 22-23-6074      | A-6373-07AH241   |       |                 |            |          |
| 8             | 22-23-6084      | A-6373-08AH241   |       |                 |            |          |
| 9             | 22-23-6094      | A-6373-09AH241   |       |                 |            |          |
| 10            | 22-23-6104      | A-6373-10AH241   |       |                 |            |          |
| 11            | 22-23-6114      | A-6373-11AH241   |       |                 |            |          |
| 12            | 22-23-6124      | A-6373-12AH241   |       |                 |            |          |
| 13            | 22-23-6134      | A-6373-13AH241   |       |                 |            |          |
| 14            | 22-23-6144      | A-6373-14AH241   |       |                 |            |          |
| 15            | 22-23-6154      | A-6373-15AH241   |       |                 |            |          |
| 16            | 22-23-6164      | A-6373-16AH241   |       |                 |            |          |
| 17            | 22-23-6174      | A-6373-17AH241   |       |                 |            |          |
| 18            | 22-23-6184      | A-6373-18AH241   |       |                 |            |          |
| 19            | 22-23-6194      | A-6373-19AH241   |       |                 |            |          |
| 20            | 22-23-6204      | A-6373-20AH241   |       |                 |            |          |
| 21            | 22-23-6214      | A-6373-21AH241   |       |                 |            |          |
| 22            | 22-23-6224      | A-6373-22AH241   |       |                 |            |          |
| 23            | 22-23-6234      | A-6373-23AH241   |       |                 |            |          |
| 24            | 22-23-6244      | A-6373-24AH241   |       |                 |            |          |
| 25            | 22-23-6254      | A-6373-25AH241   |       |                 |            |          |
| 26            | 22-23-6264      | A-6373-26AH241   |       |                 |            |          |
| 27            | 22-23-6274      | A-6373-27AH241   |       |                 |            |          |
| 28            | 22-23-6284      | A-6373-28AH241   |       |                 |            |          |

| GROUP:        |                 | A-6373-NA228-*   |      |                 |                 |          |
|---------------|-----------------|------------------|------|-----------------|-----------------|----------|
| PIN NUMBER:   |                 | 42663-0304       |      |                 |                 |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |      |                 |                 |          |
| MATING: M     | .295 / (7.49)   | DIM. G           |      | .140 / (3.56)   |                 |          |
| PC TAIL: P    | .140 / (3.56)   | DIM T            |      | .135 / (3.43)   |                 |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |                 |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER      | VOID CKT |
| 2             | 22-11-2028      | A-6373-02A228    | 09   | 22-11-2095      | A-6373-09A228-3 | 3        |
| 3             | 22-11-2038      | A-6373-03A228    | 09   | 22-11-2097      | A-6373-09A228-5 | 5        |
| 4             | 22-11-2048      | A-6373-04A228    | 05   | 22-11-2055      | A-6373-05A228-3 | 3        |
| 5             | 22-11-2058      | A-6373-05A228    | 11   | 22-11-2117      | A-6373-11A228-5 | 5        |
| 6             | 22-11-2068      | A-6373-06A228    |      |                 |                 |          |
| 7             | 22-11-2078      | A-6373-07A228    |      |                 |                 |          |
| 8             | 22-11-2088      | A-6373-08A228    |      |                 |                 |          |
| 9             | 22-11-2098      | A-6373-09A228    |      |                 |                 |          |
| 10            | 22-11-2108      | A-6373-10A228    |      |                 |                 |          |
| 11            | 22-11-2118      | A-6373-11A228    |      |                 |                 |          |
| 12            | 22-11-2128      | A-6373-12A228    |      |                 |                 |          |
| 13            | 22-11-2138      | A-6373-13A228    |      |                 |                 |          |
| 14            | 22-11-2148      | A-6373-14A228    |      |                 |                 |          |
| 15            |                 | A-6373-15A228    |      |                 |                 |          |
| 16            |                 | A-6373-16A228    |      |                 |                 |          |
| 17            | 22-11-2178      | A-6373-17A228    |      |                 |                 |          |
| 18            | 46999-0605      | A-6373-18A228    |      |                 |                 |          |
| 19            |                 | A-6373-19A228    |      |                 |                 |          |
| 20            |                 | A-6373-20A228    |      |                 |                 |          |
| 21            |                 | A-6373-21A228    |      |                 |                 |          |
| 22            | 22-11-2228      | A-6373-22A228    |      |                 |                 |          |
| 23            |                 | A-6373-23A228    |      |                 |                 |          |
| 24            |                 | A-6373-24A228    |      |                 |                 |          |
| 25            |                 | A-6373-25A228    |      |                 |                 |          |
| 26            |                 | A-6373-26A228    |      |                 |                 |          |
| 27            |                 | A-6373-27A228    |      |                 |                 |          |
| 28            |                 | A-6373-28A228    |      |                 |                 |          |

|   |                             |  |   |                                      |
|---|-----------------------------|--|---|--------------------------------------|
| REV:<br><b>BD5</b>                                | <u>ECR/ECN INFORMATION:</u> |  | <u>TITLE:</u><br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <u>SHEET No.</u><br><b>- 7 -</b>     |
|   | EC No.: <b>UCP2016-4061</b> |  |   |                                      |
|   | DATE: <b>5/16/2016</b>      |  |   |                                      |
| <u>DOCUMENT NUMBER:</u><br><b>SD - 6373 - 001</b> |                             | <u>CREATED / REVISED BY:</u><br><b>MKIPPER</b> | <u>CHECKED BY:</u><br><b>JBELL</b>  | <u>APPROVED BY:</u><br><b>FSMITH</b> |





| GROUP:        |                 | A-6373-NAD197-*  |         |                 |            |          |
|---------------|-----------------|------------------|---------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0302       |         |                 |            |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |         |                 |            |          |
| MATING: M     | .295 / (7.49)   | DIM. G           | N/A     |                 |            |          |
| PC TAIL: P    | .140 / (3.56)   | DIM T            | OVERALL |                 |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |         |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS    | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2028      | A-6373-02AD197   |         |                 |            |          |
| 3             | 22-23-2038      | A-6373-03AD197   |         |                 |            |          |
| 4             | 22-23-2048      | A-6373-04AD197   |         |                 |            |          |
| 5             | 22-23-2058      | A-6373-05AD197   |         |                 |            |          |
| 6             | 22-23-2068      | A-6373-06AD197   |         |                 |            |          |
| 7             | 22-23-2078      | A-6373-07AD197   |         |                 |            |          |
| 8             | 22-23-2088      | A-6373-08AD197   |         |                 |            |          |
| 9             | 22-23-2098      | A-6373-09AD197   |         |                 |            |          |
| 10            | 22-23-2108      | A-6373-10AD197   |         |                 |            |          |
| 11            | 22-23-2118      | A-6373-11AD197   |         |                 |            |          |
| 12            | 22-23-2128      | A-6373-12AD197   |         |                 |            |          |
| 13            | 22-23-2138      | A-6373-13AD197   |         |                 |            |          |
| 14            | 22-23-2148      | A-6373-14AD197   |         |                 |            |          |
| 15            | 22-23-2158      | A-6373-15AD197   |         |                 |            |          |
| 16            | 22-23-2168      | A-6373-16AD197   |         |                 |            |          |
| 17            | 22-23-2178      | A-6373-17AD197   |         |                 |            |          |
| 18            | 22-23-2188      | A-6373-18AD197   |         |                 |            |          |
| 19            | 22-23-2198      | A-6373-19AD197   |         |                 |            |          |
| 20            | 22-23-2208      | A-6373-20AD197   |         |                 |            |          |
| 21            | 22-23-2218      | A-6373-21AD197   |         |                 |            |          |
| 22            | 22-23-2228      | A-6373-22AD197   |         |                 |            |          |
| 23            | 22-23-2238      | A-6373-23AD197   |         |                 |            |          |
| 24            | 22-23-2248      | A-6373-24AD197   |         |                 |            |          |
| 25            | 22-23-2258      | A-6373-25AD197   |         |                 |            |          |
| 26            | 22-23-2268      | A-6373-26AD197   |         |                 |            |          |
| 27            | 22-23-2278      | A-6373-27AD197   |         |                 |            |          |
| 28            | 22-23-2288      | A-6373-28AD197   |         |                 |            |          |

| GROUP:        |                 |            |      |                 |            |          |
|---------------|-----------------|------------|------|-----------------|------------|----------|
| PIN NUMBER:   |                 |            |      |                 |            |          |
| PIN LENGTH: L |                 |            |      |                 |            |          |
| MATING: M     |                 |            |      |                 |            |          |
| PC TAIL: P    |                 |            |      |                 |            |          |
| PACKAGING:    |                 |            |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             |                 |            |      |                 |            |          |
| 3             |                 |            |      |                 |            |          |
| 4             |                 |            |      |                 |            |          |
| 5             |                 |            |      |                 |            |          |
| 6             |                 |            |      |                 |            |          |
| 7             |                 |            |      |                 |            |          |
| 8             |                 |            |      |                 |            |          |
| 9             |                 |            |      |                 |            |          |
| 10            |                 |            |      |                 |            |          |
| 11            |                 |            |      |                 |            |          |
| 12            |                 |            |      |                 |            |          |
| 13            |                 |            |      |                 |            |          |
| 14            |                 |            |      |                 |            |          |
| 15            |                 |            |      |                 |            |          |
| 16            |                 |            |      |                 |            |          |
| 17            |                 |            |      |                 |            |          |
| 18            |                 |            |      |                 |            |          |
| 19            |                 |            |      |                 |            |          |
| 20            |                 |            |      |                 |            |          |
| 21            |                 |            |      |                 |            |          |
| 22            |                 |            |      |                 |            |          |
| 23            |                 |            |      |                 |            |          |
| 24            |                 |            |      |                 |            |          |
| 25            |                 |            |      |                 |            |          |
| 26            |                 |            |      |                 |            |          |
| 27            |                 |            |      |                 |            |          |
| 28            |                 |            |      |                 |            |          |

|                        |                       |  |               |
|------------------------|-----------------------|--|---------------|
| REV:                   | ECR/ECN INFORMATION:  | TITLE:   | SHEET No.     |
| <b>BD5</b>             | EC No.: UCP2016-4061  | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 8 -</b>  |
|                        | DATE: 5/16/2016       |  |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY: | CHECKED BY:  | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>        | <b>JBELL</b>   | <b>FSMITH</b> |

| GROUP:       |                 | A-6373-NA197-*   |        |                 |                 |          |  |
|--------------|-----------------|------------------|--------|-----------------|-----------------|----------|--|
| PIN NUMBER:  |                 | 42663-0302       |        |                 |                 |          |  |
| PIN LENGTH L |                 | .560 / (14.22)   |        |                 |                 |          |  |
| MATING: M    |                 | .295 / (7.49)    | DIM. G |                 | N/A             |          |  |
| PC TAIL: P   |                 | .140 / (3.56)    | DIM T  |                 | OVERALL         |          |  |
| PACKAGING:   |                 | PK-6373-001 BULK |        |                 |                 |          |  |
| CKTS         | MATERIAL NUMBER | ENG NUMBER       | CKTS   | MATERIAL NUMBER | ENG NUMBER      | VOID CKT |  |
| 2            | 22-23-2027      | A-6373-02A197    | 5      | 22-04-6053      | A-6373-05A197-3 | 3        |  |
| 3            | 22-23-2037      | A-6373-03A197    |        |                 |                 |          |  |
| 4            | 22-23-2047      | A-6373-04A197    |        |                 |                 |          |  |
| 5            | 22-23-2057      | A-6373-05A197    |        |                 |                 |          |  |
| 6            | 22-23-2067      | A-6373-06A197    |        |                 |                 |          |  |
| 7            | 22-23-2077      | A-6373-07A197    |        |                 |                 |          |  |
| 8            | 22-23-2087      | A-6373-08A197    |        |                 |                 |          |  |
| 9            | 22-23-2097      | A-6373-09A197    |        |                 |                 |          |  |
| 10           | 22-23-2107      | A-6373-10A197    |        |                 |                 |          |  |
| 11           | 22-23-2117      | A-6373-11A197    |        |                 |                 |          |  |
| 12           | 22-23-2127      | A-6373-12A197    |        |                 |                 |          |  |
| 13           | 22-23-2137      | A-6373-13A197    |        |                 |                 |          |  |
| 14           | 22-23-2147      | A-6373-14A197    |        |                 |                 |          |  |
| 15           | 22-23-2157      | A-6373-15A197    |        |                 |                 |          |  |
| 16           | 22-23-2167      | A-6373-16A197    |        |                 |                 |          |  |
| 17           | 22-23-2177      | A-6373-17A197    |        |                 |                 |          |  |
| 18           | 22-23-2187      | A-6373-18A197    |        |                 |                 |          |  |
| 19           | 22-23-2197      | A-6373-19A197    |        |                 |                 |          |  |
| 20           | 22-23-2207      | A-6373-20A197    |        |                 |                 |          |  |
| 21           | 22-23-2217      | A-6373-21A197    |        |                 |                 |          |  |
| 22           | 22-23-2227      | A-6373-22A197    |        |                 |                 |          |  |
| 23           | 22-23-2237      | A-6373-23A197    |        |                 |                 |          |  |
| 24           | 22-23-2247      | A-6373-24A197    |        |                 |                 |          |  |
| 25           | 22-23-2257      | A-6373-25A197    |        |                 |                 |          |  |
| 26           | 22-23-2267      | A-6373-26A197    |        |                 |                 |          |  |
| 27           | 22-23-2277      | A-6373-27A197    |        |                 |                 |          |  |
| 28           | 22-23-2287      | A-6373-28A197    |        |                 |                 |          |  |

| GROUP:        |                 | A-6373-NA197A-*        |        |                 |                  |          |  |
|---------------|-----------------|------------------------|--------|-----------------|------------------|----------|--|
| PIN NUMBER:   |                 | 42663-0302             |        |                 |                  |          |  |
| PIN LENGTH: L |                 | .560 / (14.22)         |        |                 |                  |          |  |
| MATING: M     |                 | .295 / (7.49)          | DIM. G |                 | N/A              |          |  |
| PC TAIL: P    |                 | .140 / (3.56)          | DIM T  |                 | OVERALL          |          |  |
| PACKAGING:    |                 | PK-44743-001 TUBE PACK |        |                 |                  |          |  |
| CKTS          | MATERIAL NUMBER | ENG NUMBER             | CK TS  | MATERIAL NUMBER | ENG NUMBER       | VOID CKT |  |
| 2             | 22-23-6021      | A-6373-02A197A         | 10     | 22-23-6106      | A-6373-10A197A-2 | 2        |  |
| 3             | 22-23-6031      | A-6373-03A197A         |        |                 |                  |          |  |
| 4             | 22-23-6041      | A-6373-04A197A         |        |                 |                  |          |  |
| 5             | 22-23-6051      | A-6373-05A197A         |        |                 |                  |          |  |
| 6             | 22-23-6061      | A-6373-06A197A         |        |                 |                  |          |  |
| 7             | 22-23-6071      | A-6373-07A197A         |        |                 |                  |          |  |
| 8             | 22-23-6081      | A-6373-08A197A         |        |                 |                  |          |  |
| 9             | 22-23-6091      | A-6373-09A197A         |        |                 |                  |          |  |
| 10            | 22-23-6101      | A-6373-10A197A         |        |                 |                  |          |  |
| 11            | 22-23-6111      | A-6373-11A197A         |        |                 |                  |          |  |
| 12            | 22-23-6121      | A-6373-12A197A         |        |                 |                  |          |  |
| 13            | 22-23-6131      | A-6373-13A197A         |        |                 |                  |          |  |
| 14            | 22-23-6141      | A-6373-14A197A         |        |                 |                  |          |  |
| 15            | 22-23-6151      | A-6373-15A197A         |        |                 |                  |          |  |
| 16            | 22-23-6161      | A-6373-16A197A         |        |                 |                  |          |  |
| 17            | 22-23-6171      | A-6373-17A197A         |        |                 |                  |          |  |
| 18            | 22-23-6181      | A-6373-18A197A         |        |                 |                  |          |  |
| 19            | 22-23-6191      | A-6373-19A197A         |        |                 |                  |          |  |
| 20            | 22-23-6201      | A-6373-20A197A         |        |                 |                  |          |  |
| 21            | 22-23-6211      | A-6373-21A197A         |        |                 |                  |          |  |
| 22            | 22-23-6221      | A-6373-22A197A         |        |                 |                  |          |  |
| 23            | 22-23-6231      | A-6373-23A197A         |        |                 |                  |          |  |
| 24            | 22-23-6241      | A-6373-24A197A         |        |                 |                  |          |  |
| 25            | 22-23-6251      | A-6373-25A197A         |        |                 |                  |          |  |
| 26            | 22-23-6261      | A-6373-26A197A         |        |                 |                  |          |  |
| 27            | 22-23-6271      | A-6373-27A197A         |        |                 |                  |          |  |
| 28            | 22-23-6281      | A-6373-28A197A         |        |                 |                  |          |  |

|  |                      |   |  |                               |
|--|----------------------|---|--|-------------------------------|
| REV:<br><b>BD5</b>                               | ECR/ECN INFORMATION: |   | TITLE:<br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | SHEET No.<br><b>- 9 -</b>     |
|  | EC No.:              | UCP2016-4061                            |  |                               |
|  | DATE:                | 5/16/2016                               |  |                               |
| DOCUMENT NUMBER:<br><b>SD - 6373 - 001</b>       |                      | CREATED / REVISED BY:<br><b>MKIPPER</b> | CHECKED BY:<br><b>JBELL</b>  | APPROVED BY:<br><b>FSMITH</b> |
| TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC |                      |   |  |                               |



| GROUP:        |                 | A-6373-NAF197-*  |        |                 |            |          |
|---------------|-----------------|------------------|--------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0182       |        |                 |            |          |
| PIN LENGTH: L |                 | .500 / (12.70)   |        |                 |            |          |
| MATING :      | M               | .260 / (6.60)    | DIM. G | N/A             |            |          |
| PC TAIL:      | P               | .115 / (2.92)    | DIM T  | OVERALL         |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |        |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS   | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2020      | A-6373-02AF197   |        |                 |            |          |
| 3             | 22-23-2030      | A-6373-03AF197   |        |                 |            |          |
| 4             | 22-23-2040      | A-6373-04AF197   |        |                 |            |          |
| 5             | 22-23-2050      | A-6373-05AF197   |        |                 |            |          |
| 6             | 22-23-2060      | A-6373-06AF197   |        |                 |            |          |
| 7             | 22-23-2070      | A-6373-07AF197   |        |                 |            |          |
| 8             | 22-23-2080      | A-6373-08AF197   |        |                 |            |          |
| 9             | 22-23-2090      | A-6373-09AF197   |        |                 |            |          |
| 10            | 22-23-2100      | A-6373-10AF197   |        |                 |            |          |
| 11            | 22-23-2110      | A-6373-11AF197   |        |                 |            |          |
| 12            | 22-23-2120      | A-6373-12AF197   |        |                 |            |          |
| 13            | 22-23-2130      | A-6373-13AF197   |        |                 |            |          |
| 14            | 22-23-2140      | A-6373-14AF197   |        |                 |            |          |
| 15            | 22-23-2150      | A-6373-15AF197   |        |                 |            |          |
| 16            | 22-23-2160      | A-6373-16AF197   |        |                 |            |          |
| 17            | 22-23-2170      | A-6373-17AF197   |        |                 |            |          |
| 18            | 22-23-2180      | A-6373-18AF197   |        |                 |            |          |
| 19            | 22-23-2190      | A-6373-19AF197   |        |                 |            |          |
| 20            | 22-23-2200      | A-6373-20AF197   |        |                 |            |          |
| 21            | 22-23-2210      | A-6373-21AF197   |        |                 |            |          |
| 22            | 22-23-2220      | A-6373-22AF197   |        |                 |            |          |
| 23            | 22-23-2230      | A-6373-23AF197   |        |                 |            |          |
| 24            | 22-23-2240      | A-6373-24AF197   |        |                 |            |          |
| 25            | 22-23-2250      | A-6373-25AF197   |        |                 |            |          |
| 26            | 22-23-2260      | A-6373-26AF197   |        |                 |            |          |
| 27            | 22-23-2270      | A-6373-27AF197   |        |                 |            |          |
| 28            | 22-23-2280      | A-6373-28AF197   |        |                 |            |          |

| GROUP:        |                 | A-6373-NAG197-*  |        |                 |            |          |
|---------------|-----------------|------------------|--------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0182       |        |                 |            |          |
| PIN LENGTH: L |                 | .500 / (12.70)   |        |                 |            |          |
| MATING:       | M               | .301 / (7.65)    | DIM. G | N/A             |            |          |
| PC TAIL:      | P               | .074 / (1.88)    | DIM T  | OVERALL         |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |        |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS   | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2022      | A-6373-02AG197   |        |                 |            |          |
| 3             | 22-23-2032      | A-6373-03AG197   |        |                 |            |          |
| 4             | 22-23-2042      | A-6373-04AG197   |        |                 |            |          |
| 5             | 22-23-2052      | A-6373-05AG197   |        |                 |            |          |
| 6             | 22-23-2062      | A-6373-06AG197   |        |                 |            |          |
| 7             | 22-23-2072      | A-6373-07AG197   |        |                 |            |          |
| 8             | 22-23-2082      | A-6373-08AG197   |        |                 |            |          |
| 9             | 22-23-2092      | A-6373-09AG197   |        |                 |            |          |
| 10            | 22-23-2102      | A-6373-10AG197   |        |                 |            |          |
| 11            | 22-23-2112      | A-6373-11AG197   |        |                 |            |          |
| 12            | 22-23-2122      | A-6373-12AG197   |        |                 |            |          |
| 13            | 22-23-2132      | A-6373-13AG197   |        |                 |            |          |
| 14            | 22-23-2142      | A-6373-14AG197   |        |                 |            |          |
| 15            | 22-23-2152      | A-6373-15AG197   |        |                 |            |          |
| 16            | 22-23-2162      | A-6373-16AG197   |        |                 |            |          |
| 17            | 22-23-2172      | A-6373-17AG197   |        |                 |            |          |
| 18            | 22-23-2182      | A-6373-18AG197   |        |                 |            |          |
| 19            | 22-23-2192      | A-6373-19AG197   |        |                 |            |          |
| 20            | 22-23-2202      | A-6373-20AG197   |        |                 |            |          |
| 21            | 22-23-2212      | A-6373-21AG197   |        |                 |            |          |
| 22            | 22-23-2222      | A-6373-22AG197   |        |                 |            |          |
| 23            | 22-23-2232      | A-6373-23AG197   |        |                 |            |          |
| 24            | 22-23-2242      | A-6373-24AG197   |        |                 |            |          |
| 25            | 22-23-2252      | A-6373-25AG197   |        |                 |            |          |
| 26            | 22-23-2262      | A-6373-26AG197   |        |                 |            |          |
| 27            | 22-23-2272      | A-6373-27AG197   |        |                 |            |          |
| 28            | 22-23-2282      | A-6373-28AG197   |        |                 |            |          |

|  |                      |   |  |                               |
|--|----------------------|---|--|-------------------------------|
| REV:<br><b>BD5</b>                         | ECR/ECN INFORMATION: |   | TITLE:<br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | SHEET No.<br><b>- 10 -</b>    |
|  | EC No.:              | UCP2016-4061                            |  |                               |
|  | DATE:                | 5/16/2016                               |  |                               |
| DOCUMENT NUMBER:<br><b>SD - 6373 - 001</b> |                      | CREATED / REVISED BY:<br><b>MKIPPER</b> | CHECKED BY:<br><b>JBELL</b>  | APPROVED BY:<br><b>FSMITH</b> |

| GROUP:        |                 | A-6373-NAH197-*  |      |                 |            |          |
|---------------|-----------------|------------------|------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0302       |      |                 |            |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |      |                 |            |          |
| MATING: M     | .260 / (6.60)   | DIM. G           |      | N/A             |            |          |
| PC TAIL: P    | .175 / (4.45)   | DIM T            |      | OVERALL         |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-3020      | A-6373-02AH197   |      |                 |            |          |
| 3             | 22-23-3030      | A-6373-03AH197   |      |                 |            |          |
| 4             | 22-23-3040      | A-6373-04AH197   |      |                 |            |          |
| 5             | 22-23-3050      | A-6373-05AH197   |      |                 |            |          |
| 6             | 22-23-3060      | A-6373-06AH197   |      |                 |            |          |
| 7             | 22-23-3070      | A-6373-07AH197   |      |                 |            |          |
| 8             | 22-23-3080      | A-6373-08AH197   |      |                 |            |          |
| 9             | 22-23-3090      | A-6373-09AH197   |      |                 |            |          |
| 10            | 22-23-3100      | A-6373-10AH197   |      |                 |            |          |
| 11            | 22-23-3110      | A-6373-11AH197   |      |                 |            |          |
| 12            | 22-23-3120      | A-6373-12AH197   |      |                 |            |          |
| 13            | 22-23-3130      | A-6373-13AH197   |      |                 |            |          |
| 14            | 22-23-3140      | A-6373-14AH197   |      |                 |            |          |
| 15            | 22-23-3150      | A-6373-15AH197   |      |                 |            |          |
| 16            | 22-23-3160      | A-6373-16AH197   |      |                 |            |          |
| 17            | 22-23-3170      | A-6373-17AH197   |      |                 |            |          |
| 18            | 22-23-3180      | A-6373-18AH197   |      |                 |            |          |
| 19            | 22-23-3190      | A-6373-19AH197   |      |                 |            |          |
| 20            | 22-23-3200      | A-6373-20AH197   |      |                 |            |          |
| 21            | 22-23-3210      | A-6373-21AH197   |      |                 |            |          |
| 22            | 22-23-3220      | A-6373-22AH197   |      |                 |            |          |
| 23            | 22-23-3230      | A-6373-23AH197   |      |                 |            |          |
| 24            | 22-23-3240      | A-6373-24AH197   |      |                 |            |          |
| 25            | 22-23-3250      | A-6373-25AH197   |      |                 |            |          |
| 26            | 22-23-3260      | A-6373-26AH197   |      |                 |            |          |
| 27            | 22-23-3270      | A-6373-27AH197   |      |                 |            |          |
| 28            | 22-23-3280      | A-6373-28AH197   |      |                 |            |          |

| GROUP:        |                 | A-6373-NAJ197-*  |      |                 |                  |          |
|---------------|-----------------|------------------|------|-----------------|------------------|----------|
| PIN NUMBER:   |                 | 42663-0342       |      |                 |                  |          |
| PIN LENGTH: L |                 | .580 / (14.73)   |      |                 |                  |          |
| MATING: M     | .300 / (7.62)   | DIM. G           |      | N/A             |                  |          |
| PC TAIL: P    | .155 / (3.94)   | DIM T            |      | OVERALL         |                  |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |                  |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER       | VOID CKT |
| 2             | 22-23-3023      | A-6373-02AJ197   | 05   | 22-04-6052      | A-6373-05AJ197-1 | 1        |
| 3             | 22-23-3033      | A-6373-03AJ197   | 06   | 22-04-6062      | A-6373-06AJ197-2 | 2        |
| 4             | 22-23-3043      | A-6373-04AJ197   |      |                 |                  |          |
| 5             | 22-23-3053      | A-6373-05AJ197   |      |                 |                  |          |
| 6             | 22-23-3063      | A-6373-06AJ197   |      |                 |                  |          |
| 7             |                 | A-6373-07AJ197   |      |                 |                  |          |
| 8             | 22-23-3083      | A-6373-08AJ197   |      |                 |                  |          |
| 9             | 22-23-3093      | A-6373-09AJ197   |      |                 |                  |          |
| 10            | 22-23-3103      | A-6373-10AJ197   |      |                 |                  |          |
| 11            |                 | A-6373-11AJ197   |      |                 |                  |          |
| 12            |                 | A-6373-12AJ197   |      |                 |                  |          |
| 13            |                 | A-6373-13AJ197   |      |                 |                  |          |
| 14            |                 | A-6373-14AJ197   |      |                 |                  |          |
| 15            | 22-23-3153      | A-6373-15AJ197   |      |                 |                  |          |
| 16            | 22-23-3163      | A-6373-16AJ197   |      |                 |                  |          |
| 17            |                 | A-6373-17AJ197   |      |                 |                  |          |
| 18            |                 | A-6373-18AJ197   |      |                 |                  |          |
| 19            |                 | A-6373-19AJ197   |      |                 |                  |          |
| 20            | 22-23-3203      | A-6373-20AJ197   |      |                 |                  |          |
| 21            |                 | A-6373-21AJ197   |      |                 |                  |          |
| 22            |                 | A-6373-22AJ197   |      |                 |                  |          |
| 23            |                 | A-6373-23AJ197   |      |                 |                  |          |
| 24            |                 | A-6373-24AJ197   |      |                 |                  |          |
| 25            |                 | A-6373-25AJ197   |      |                 |                  |          |
| 26            |                 | A-6373-26AJ197   |      |                 |                  |          |
| 27            |                 | A-6373-27AJ197   |      |                 |                  |          |
| 28            |                 | A-6373-28AJ197   |      |                 |                  |          |

|                        |                       |  |               |
|------------------------|-----------------------|--|---------------|
| REV:                   | ECR/ECN INFORMATION:  | TITLE:   | SHEET No.     |
| <b>BD5</b>             | EC No.: UCP2016-4061  | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 11 -</b> |
|                        | DATE: 5/16/2016       |  |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY: | CHECKED BY:  | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>        | <b>JBELL</b>   | <b>FSMITH</b> |



| GROUP:        |                 | A-6373-NA241A*         |               |                 |            |          |
|---------------|-----------------|------------------------|---------------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0305             |               |                 |            |          |
| PIN LENGTH: L |                 | .560 / (14.22)         |               |                 |            |          |
| MATING: M     | .295 / (7.49)   | DIM. G                 | .140 / (3.56) |                 |            |          |
| PC TAIL: P    | .140 / (3.56)   | DIM T                  | .135 / (3.43) |                 |            |          |
| PACKAGING:    |                 | PK-44743-001 TUBE PACK |               |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER             | CKTS          | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             |                 |                        |               |                 |            |          |
| 3             | 22-23-1035      | A-6373-03A241A         |               |                 |            |          |
| 4             | 22-23-1045      | A-6373-04A241A         |               |                 |            |          |
| 5             | 22-23-1055      | A-6373-05A241A         |               |                 |            |          |
| 6             | 22-23-1065      | A-6373-06A241A         |               |                 |            |          |
| 7             | 22-23-1075      | A-6373-07A241A         |               |                 |            |          |
| 8             | 22-23-1085      | A-6373-08A241A         |               |                 |            |          |
| 9             | 22-23-1095      | A-6373-09A241A         |               |                 |            |          |
| 10            | 22-23-1105      | A-6373-10A241A         |               |                 |            |          |
| 11            | 22-23-1115      | A-6373-11A241A         |               |                 |            |          |
| 12            | 22-23-1125      | A-6373-12A241A         |               |                 |            |          |
| 13            | 22-23-1135      | A-6373-13A241A         |               |                 |            |          |
| 14            | 22-23-1145      | A-6373-14A241A         |               |                 |            |          |
| 15            | 22-23-1155      | A-6373-15A241A         |               |                 |            |          |
| 16            | 22-23-1165      | A-6373-16A241A         |               |                 |            |          |
| 17            | 22-23-1175      | A-6373-17A241A         |               |                 |            |          |
| 18            | 22-23-1185      | A-6373-18A241A         |               |                 |            |          |
| 19            | 22-23-1195      | A-6373-19A241A         |               |                 |            |          |
| 20            | 22-23-1205      | A-6373-20A241A         |               |                 |            |          |
| 21            | 22-23-1211      | A-6373-21A241A         |               |                 |            |          |
| 22            | 22-23-1222      | A-6373-22A241A         |               |                 |            |          |
| 23            | 22-23-1233      | A-6373-23A241A         |               |                 |            |          |
| 24            | 22-23-1244      | A-6373-24A241A         |               |                 |            |          |
| 25            | 22-23-1255      | A-6373-25A241A         |               |                 |            |          |
| 26            | 22-23-1266      | A-6373-26A241A         |               |                 |            |          |
| 27            | 22-23-1277      | A-6373-27A241A         |               |                 |            |          |
| 28            | 22-23-1288      | A-6373-28A241A         |               |                 |            |          |

| GROUP:        |                 | A-6373-NAL197*   |         |                 |                  |          |
|---------------|-----------------|------------------|---------|-----------------|------------------|----------|
| PIN NUMBER:   |                 | 42663-1182       |         |                 |                  |          |
| PIN LENGTH: L |                 | 1.000 / (25.40)  |         |                 |                  |          |
| MATING: M     | .295 / (7.49)   | DIM. G           | N/A     |                 |                  |          |
| PC TAIL: P    | .580 / (14.73)  | DIM T            | OVERALL |                 |                  |          |
| PACKAGING:    |                 | PK-6373-001 BULK |         |                 |                  |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CK TS   | MATERIAL NUMBER | ENG NUMBER       | VOID CKT |
| 2             |                 |                  | 06      | 22-04-6066      | A-6373-06AL197-2 | 2        |
| 3             | 22-23-6032      | A-6373-03AL197   | 06      | 22-04-6067      | A-6373-06AL197-3 | 3        |
| 4             | 22-23-6042      | A-6373-04AL197   |         |                 |                  |          |
| 5             | 22-23-6052      | A-6373-05AL197   |         |                 |                  |          |
| 6             | 22-23-6062      | A-6373-06AL197   |         |                 |                  |          |
| 7             | 22-23-6072      | A-6373-07AL197   |         |                 |                  |          |
| 8             | 22-23-6082      | A-6373-08AL197   |         |                 |                  |          |
| 9             | 22-23-6092      | A-6373-09AL197   |         |                 |                  |          |
| 10            | 22-23-6102      | A-6373-10AL197   |         |                 |                  |          |
| 11            | 22-23-6112      | A-6373-11AL197   |         |                 |                  |          |
| 12            | 22-23-6122      | A-6373-12AL197   |         |                 |                  |          |
| 13            | 22-23-6132      | A-6373-13AL197   |         |                 |                  |          |
| 14            | 22-23-6142      | A-6373-14AL197   |         |                 |                  |          |
| 15            | 22-23-6152      | A-6373-15AL197   |         |                 |                  |          |
| 16            | 22-23-6162      | A-6373-16AL197   |         |                 |                  |          |
| 17            | 22-23-6172      | A-6373-17AL197   |         |                 |                  |          |
| 18            | 22-23-6182      | A-6373-18AL197   |         |                 |                  |          |
| 19            | 22-23-6192      | A-6373-19AL197   |         |                 |                  |          |
| 20            | 22-23-6202      | A-6373-20AL197   |         |                 |                  |          |
| 21            | 22-23-6212      | A-6373-21AL197   |         |                 |                  |          |
| 22            | 22-23-6222      | A-6373-22AL197   |         |                 |                  |          |
| 23            | 22-23-6232      | A-6373-23AL197   |         |                 |                  |          |
| 24            | 22-23-6242      | A-6373-24AL197   |         |                 |                  |          |
| 25            | 22-23-6252      | A-6373-25AL197   |         |                 |                  |          |
| 26            | 22-23-6262      | A-6373-26AL197   |         |                 |                  |          |
| 27            | 22-23-6272      | A-6373-27AL197   |         |                 |                  |          |
| 28            | 22-23-6282      | A-6373-28AL197   |         |                 |                  |          |

|                        |                       |  |               |
|------------------------|-----------------------|--|---------------|
| REV:                   | ECR/ECN INFORMATION:  | TITLE:   | SHEET No.     |
| <b>BD5</b>             | EC No.: UCP2016-4061  | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 12 -</b> |
|                        | DATE: 5/16/2016       |  |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY: | CHECKED BY:  | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>        | <b>JBELL</b>   | <b>FSMITH</b> |

| GROUP:        |                 | A-6373-NAM197-*  |         |                 |            |          |
|---------------|-----------------|------------------|---------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0222       |         |                 |            |          |
| PIN LENGTH: L |                 | .520 / (13.21)   |         |                 |            |          |
| MATING: M     | .305 / (7.75)   | DIM. G           | N/A     |                 |            |          |
| PC TAIL: P    | .090 / (2.29)   | DIM T            | OVERALL |                 |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |         |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS    | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-6023      | A-6373-02AM197   |         |                 |            |          |
| 3             | 22-23-6033      | A-6373-03AM197   |         |                 |            |          |
| 4             | 22-23-6043      | A-6373-04AM197   |         |                 |            |          |
| 5             | 22-23-6053      | A-6373-05AM197   |         |                 |            |          |
| 6             | 22-23-6063      | A-6373-06AM197   |         |                 |            |          |
| 7             | 22-23-6073      | A-6373-07AM197   |         |                 |            |          |
| 8             | 22-23-6083      | A-6373-08AM197   |         |                 |            |          |
| 9             | 22-23-6093      | A-6373-09AM197   |         |                 |            |          |
| 10            | 22-23-6103      | A-6373-10AM197   |         |                 |            |          |
| 11            | 22-23-6113      | A-6373-11AM197   |         |                 |            |          |
| 12            | 22-23-6123      | A-6373-12AM197   |         |                 |            |          |
| 13            | 22-23-6133      | A-6373-13AM197   |         |                 |            |          |
| 14            | 22-23-6143      | A-6373-14AM197   |         |                 |            |          |
| 15            | 22-23-6153      | A-6373-15AM197   |         |                 |            |          |
| 16            | 22-23-6163      | A-6373-16AM197   |         |                 |            |          |
| 17            | 22-23-6173      | A-6373-17AM197   |         |                 |            |          |
| 18            | 22-23-6183      | A-6373-18AM197   |         |                 |            |          |
| 19            | 22-23-6193      | A-6373-19AM197   |         |                 |            |          |
| 20            | 22-23-6203      | A-6373-20AM197   |         |                 |            |          |
| 21            | 22-23-6213      | A-6373-21AM197   |         |                 |            |          |
| 22            | 22-23-6223      | A-6373-22AM197   |         |                 |            |          |
| 23            | 22-23-6233      | A-6373-23AM197   |         |                 |            |          |
| 24            | 22-23-6243      | A-6373-24AM197   |         |                 |            |          |
| 25            | 22-23-6253      | A-6373-25AM197   |         |                 |            |          |
| 26            | 22-23-6263      | A-6373-26AM197   |         |                 |            |          |
| 27            | 22-23-6273      | A-6373-27AM197   |         |                 |            |          |
| 28            | 22-23-6283      | A-6373-28AM197   |         |                 |            |          |

| GROUP:        |                 | A-6373-NAM241-*  |               |                 |            |          |
|---------------|-----------------|------------------|---------------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0223       |               |                 |            |          |
| PIN LENGTH: L |                 | .520 / (13.21)   |               |                 |            |          |
| MATING: M     | .305 / (7.75)   | DIM. G           | .140 / (3.56) |                 |            |          |
| PC TAIL: P    | .090 / (2.29)   | DIM T            | .135 / (3.43) |                 |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |               |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS          | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-6025      | A-6373-02AM241   |               |                 |            |          |
| 3             | 22-23-6035      | A-6373-03AM241   |               |                 |            |          |
| 4             | 22-23-6045      | A-6373-04AM241   |               |                 |            |          |
| 5             | 22-23-6055      | A-6373-05AM241   |               |                 |            |          |
| 6             | 22-23-6065      | A-6373-06AM241   |               |                 |            |          |
| 7             | 22-23-6075      | A-6373-07AM241   |               |                 |            |          |
| 8             | 22-23-6085      | A-6373-08AM241   |               |                 |            |          |
| 9             | 22-23-6095      | A-6373-09AM241   |               |                 |            |          |
| 10            | 22-23-6105      | A-6373-10AM241   |               |                 |            |          |
| 11            | 22-23-6115      | A-6373-11AM241   |               |                 |            |          |
| 12            | 22-23-6125      | A-6373-12AM241   |               |                 |            |          |
| 13            | 22-23-6135      | A-6373-13AM241   |               |                 |            |          |
| 14            | 22-23-6145      | A-6373-14AM241   |               |                 |            |          |
| 15            | 22-23-6155      | A-6373-15AM241   |               |                 |            |          |
| 16            | 22-23-6165      | A-6373-16AM241   |               |                 |            |          |
| 17            | 22-23-6175      | A-6373-17AM241   |               |                 |            |          |
| 18            | 22-23-6185      | A-6373-18AM241   |               |                 |            |          |
| 19            | 22-23-6195      | A-6373-19AM241   |               |                 |            |          |
| 20            | 22-23-6205      | A-6373-20AM241   |               |                 |            |          |
| 21            | 22-23-6215      | A-6373-21AM241   |               |                 |            |          |
| 22            | 22-23-6225      | A-6373-22AM241   |               |                 |            |          |
| 23            | 22-23-6235      | A-6373-23AM241   |               |                 |            |          |
| 24            | 22-23-6245      | A-6373-24AM241   |               |                 |            |          |
| 25            | 22-23-6255      | A-6373-25AM241   |               |                 |            |          |
| 26            | 22-23-6265      | A-6373-26AM241   |               |                 |            |          |
| 27            | 22-23-6275      | A-6373-27AM241   |               |                 |            |          |
| 28            | 22-23-6285      | A-6373-28AM241   |               |                 |            |          |

|                        |                       |  |               |
|------------------------|-----------------------|--|---------------|
| REV:                   | ECR/ECN INFORMATION:  | TITLE:   | SHEET No.     |
| <b>BD5</b>             | EC No.: UCP2016-4061  | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 13 -</b> |
|                        | DATE: 5/16/2016       |  |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY: | CHECKED BY:  | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>        | <b>JBELL</b>   | <b>FSMITH</b> |

| GROUP:        |                 | A-6373-NAN241-*  |               |                 |            |          |
|---------------|-----------------|------------------|---------------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0443       |               |                 |            |          |
| PIN LENGTH: L |                 | .630 / (16.00)   |               |                 |            |          |
| MATING: M     | .300 / (7.62)   | DIM. G           | .140 / (3.56) |                 |            |          |
| PC TAIL: P    | .205 / (5.21)   | DIM T            | .135 / (3.43) |                 |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |               |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS          | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             |                 | A-6373-02AN241   |               |                 |            |          |
| 3             |                 | A-6373-03AN241   |               |                 |            |          |
| 4             | 22-23-6047      | A-6373-04AN241   |               |                 |            |          |
| 5             |                 | A-6373-05AN241   |               |                 |            |          |
| 6             |                 | A-6373-06AN241   |               |                 |            |          |
| 7             |                 | A-6373-07AN241   |               |                 |            |          |
| 8             |                 | A-6373-08AN241   |               |                 |            |          |
| 9             |                 | A-6373-09AN241   |               |                 |            |          |
| 10            |                 | A-6373-10AN241   |               |                 |            |          |
| 11            |                 | A-6373-11AN241   |               |                 |            |          |
| 12            |                 | A-6373-12AN241   |               |                 |            |          |
| 13            |                 | A-6373-13AN241   |               |                 |            |          |
| 14            |                 | A-6373-14AN241   |               |                 |            |          |
| 15            |                 | A-6373-15AN241   |               |                 |            |          |
| 16            |                 | A-6373-16AN241   |               |                 |            |          |
| 17            |                 | A-6373-17AN241   |               |                 |            |          |
| 18            |                 | A-6373-18AN241   |               |                 |            |          |
| 19            |                 | A-6373-19AN241   |               |                 |            |          |
| 20            |                 | A-6373-20AN241   |               |                 |            |          |
| 21            |                 | A-6373-21AN241   |               |                 |            |          |
| 22            |                 | A-6373-22AN241   |               |                 |            |          |
| 23            |                 | A-6373-23AN241   |               |                 |            |          |
| 24            |                 | A-6373-24AN241   |               |                 |            |          |
| 25            |                 | A-6373-25AN241   |               |                 |            |          |
| 26            |                 | A-6373-26AN241   |               |                 |            |          |
| 27            |                 | A-6373-27AN241   |               |                 |            |          |
| 28            |                 | A-6373-28AN241   |               |                 |            |          |

| GROUP:        |                 | A-6373-NAB241-*  |               |                 |            |          |
|---------------|-----------------|------------------|---------------|-----------------|------------|----------|
| PIN NUMBER:   |                 | 42663-0583       |               |                 |            |          |
| PIN LENGTH: L |                 | .700 / (17.78)   |               |                 |            |          |
| MATING: M     | .286 / (7.26)   | DIM. G           | .200 / (5.08) |                 |            |          |
| PC TAIL: P    | .289 / (7.34)   | DIM T            | .135 / (3.43) |                 |            |          |
| PACKAGING:    |                 | PK-6373-001 BULK |               |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS          | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 50-29-1746      | A-6373-02AB241   |               |                 |            |          |
| 3             |                 | A-6373-03AB241   |               |                 |            |          |
| 4             |                 | A-6373-04AB241   |               |                 |            |          |
| 5             |                 | A-6373-05AB241   |               |                 |            |          |
| 6             |                 | A-6373-06AB241   |               |                 |            |          |
| 7             |                 | A-6373-07AB241   |               |                 |            |          |
| 8             | 50-29-1741      | A-6373-08AB241   |               |                 |            |          |
| 9             |                 | A-6373-09AB241   |               |                 |            |          |
| 10            | 50-29-1742      | A-6373-10AB241   |               |                 |            |          |
| 11            |                 | A-6373-11AB241   |               |                 |            |          |
| 12            |                 | A-6373-12AB241   |               |                 |            |          |
| 13            |                 | A-6373-13AB241   |               |                 |            |          |
| 14            |                 | A-6373-14AB241   |               |                 |            |          |
| 15            |                 | A-6373-15AB241   |               |                 |            |          |
| 16            |                 | A-6373-16AB241   |               |                 |            |          |
| 17            |                 | A-6373-17AB241   |               |                 |            |          |
| 18            |                 | A-6373-18AB241   |               |                 |            |          |
| 19            |                 | A-6373-19AB241   |               |                 |            |          |
| 20            |                 | A-6373-20AB241   |               |                 |            |          |
| 21            |                 | A-6373-21AB241   |               |                 |            |          |
| 22            |                 | A-6373-22AB241   |               |                 |            |          |
| 23            |                 | A-6373-23AB241   |               |                 |            |          |
| 24            |                 | A-6373-24AB241   |               |                 |            |          |
| 25            |                 | A-6373-25AB241   |               |                 |            |          |
| 26            |                 | A-6373-26AB241   |               |                 |            |          |
| 27            |                 | A-6373-27AB241   |               |                 |            |          |
| 28            |                 | A-6373-28AB241   |               |                 |            |          |

|                        |                       |  |               |
|------------------------|-----------------------|--|---------------|
| REV:                   | ECR/ECN INFORMATION:  | TITLE:   | SHEET No.     |
| <b>BD5</b>             | EC No.: UCP2016-4061  | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 14 -</b> |
|                        | DATE: 5/16/2016       |  |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY: | CHECKED BY:  | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>        | <b>JBELL</b>   | <b>FSMITH</b> |



| GROUP:        |                 | A-6373-NAN197-*  |      |                 |                  |          |
|---------------|-----------------|------------------|------|-----------------|------------------|----------|
| PIN NUMBER:   |                 | 42663-0442       |      |                 |                  |          |
| PIN LENGTH: L |                 | .630 / (16.00)   |      |                 |                  |          |
| MATING: M     | .300 / (7.62)   | DIM. G           |      | N/A             |                  |          |
| PC TAIL: P    | .205 / (5.21)   | DIM T            |      | OVERALL         |                  |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |                  |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER       | VOID CKT |
| 2             |                 |                  | 9    | 50-34-8527      | A-6373-09AN197-7 | 7        |
| 3             |                 |                  |      |                 |                  |          |
| 4             | 50-36-1696      | A-6373-04AN197   |      |                 |                  |          |
| 5             |                 |                  |      |                 |                  |          |
| 6             |                 |                  |      |                 |                  |          |
| 7             |                 |                  |      |                 |                  |          |
| 8             |                 |                  |      |                 |                  |          |
| 9             |                 |                  |      |                 |                  |          |
| 10            |                 |                  |      |                 |                  |          |
| 11            |                 |                  |      |                 |                  |          |
| 12            |                 |                  |      |                 |                  |          |
| 13            |                 |                  |      |                 |                  |          |
| 14            |                 |                  |      |                 |                  |          |
| 15            |                 |                  |      |                 |                  |          |
| 16            |                 |                  |      |                 |                  |          |
| 17            |                 |                  |      |                 |                  |          |
| 18            |                 |                  |      |                 |                  |          |
| 19            |                 |                  |      |                 |                  |          |
| 20            |                 |                  |      |                 |                  |          |
| 21            |                 |                  |      |                 |                  |          |
| 22            |                 |                  |      |                 |                  |          |
| 23            |                 |                  |      |                 |                  |          |
| 24            |                 |                  |      |                 |                  |          |
| 25            |                 |                  |      |                 |                  |          |
| 26            |                 |                  |      |                 |                  |          |
| 27            |                 |                  |      |                 |                  |          |
| 28            |                 |                  |      |                 |                  |          |

| GROUP:        |                 | A-6373-NA154-*   |      |                 |                 |          |
|---------------|-----------------|------------------|------|-----------------|-----------------|----------|
| PIN NUMBER:   |                 | 42663-0309       |      |                 |                 |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |      |                 |                 |          |
| MATING: M     | .295 / (7.49)   | DIM. G           |      | N/A             |                 |          |
| PC TAIL: P    | .140 / (3.56)   | DIM T            |      | OVERALL         |                 |          |
| PACKAGING:    |                 | PK-6373-001 BULK |      |                 |                 |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS | MATERIAL NUMBER | ENG NUMBER      | VOID CKT |
| 2             |                 |                  | 9    | 26-01-3183      | A-6373-09A154-7 | 7        |
| 3             |                 |                  |      |                 |                 |          |
| 4             |                 |                  |      |                 |                 |          |
| 5             |                 |                  |      |                 |                 |          |
| 6             |                 |                  |      |                 |                 |          |
| 7             |                 |                  |      |                 |                 |          |
| 8             |                 |                  |      |                 |                 |          |
| 9             |                 |                  |      |                 |                 |          |
| 10            |                 |                  |      |                 |                 |          |
| 11            |                 |                  |      |                 |                 |          |
| 12            |                 |                  |      |                 |                 |          |
| 13            |                 |                  |      |                 |                 |          |
| 14            |                 |                  |      |                 |                 |          |
| 15            |                 |                  |      |                 |                 |          |
| 16            |                 |                  |      |                 |                 |          |
| 17            |                 |                  |      |                 |                 |          |
| 18            |                 |                  |      |                 |                 |          |
| 19            |                 |                  |      |                 |                 |          |
| 20            |                 |                  |      |                 |                 |          |
| 21            |                 |                  |      |                 |                 |          |
| 22            |                 |                  |      |                 |                 |          |
| 23            |                 |                  |      |                 |                 |          |
| 24            |                 |                  |      |                 |                 |          |
| 25            |                 |                  |      |                 |                 |          |
| 26            |                 |                  |      |                 |                 |          |
| 27            |                 |                  |      |                 |                 |          |
| 28            |                 |                  |      |                 |                 |          |

|   |                             |  |   |                                      |
|---|-----------------------------|--|---|--------------------------------------|
| REV:<br><b>BD5</b>                                | <u>ECR/ECN INFORMATION:</u> |  | <u>TITLE:</u><br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <u>SHEET No.</u><br><b>- 15 -</b>    |
|   | EC No.: <b>UCP2016-4061</b> |  |   |                                      |
|   | DATE: <b>5/16/2016</b>      |  |   |                                      |
| <u>DOCUMENT NUMBER:</u><br><b>SD - 6373 - 001</b> |                             | <u>CREATED / REVISED BY:</u><br><b>MKIPPER</b> | <u>CHECKED BY:</u><br><b>JBELL</b>  | <u>APPROVED BY:</u><br><b>FSMITH</b> |