

## Excellent Integrated System Limited

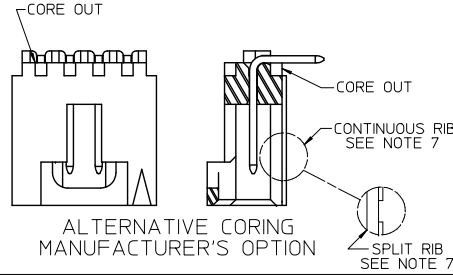
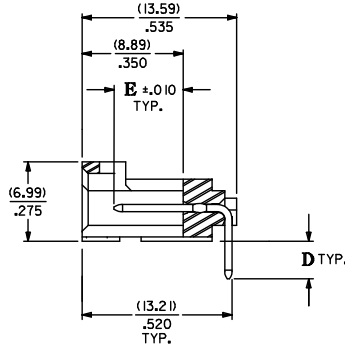
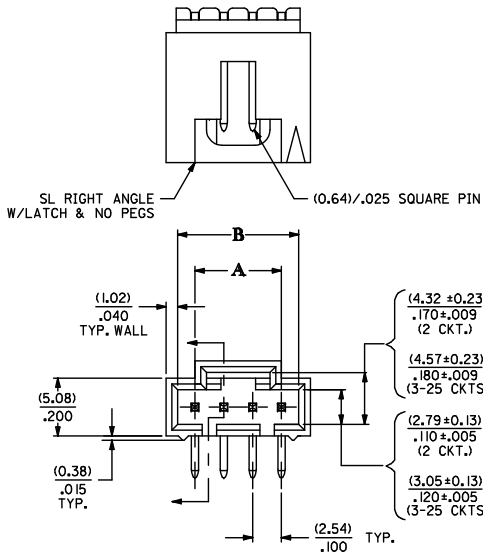
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

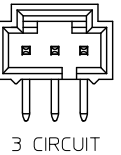
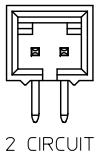
[Molex Connector Corporation](#)  
[0705530010](#)

For any questions, you can email us directly:

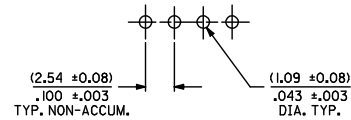
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



| CKT. SIZE | DIM. "A" |       | DIM. "B" |       |
|-----------|----------|-------|----------|-------|
|           | MM       | IN.   | MM       | IN.   |
| 2         | 2.54     | .100  | 5.33     | .210  |
| 3         | 5.08     | .200  | 8.13     | .320  |
| 4         | 7.62     | .300  | 10.67    | .420  |
| 5         | 10.16    | .400  | 13.21    | .520  |
| 6         | 12.70    | .500  | 15.75    | .620  |
| 7         | 15.24    | .600  | 18.29    | .720  |
| 8         | 17.78    | .700  | 20.83    | .820  |
| 9         | 20.32    | .800  | 23.37    | .920  |
| 10        | 22.86    | .900  | 25.91    | 1.020 |
| 11        | 25.40    | 1.000 | 28.45    | 1.120 |
| 12        | 27.94    | 1.100 | 30.99    | 1.220 |
| 13        | 30.48    | 1.200 | 33.53    | 1.320 |
| 14        | 33.02    | 1.300 | 36.07    | 1.420 |
| 15        | 35.56    | 1.400 | 38.61    | 1.520 |
| 16        | 38.10    | 1.500 | 41.15    | 1.620 |
| 17        | 40.64    | 1.600 | 43.69    | 1.720 |
| 18        | 43.18    | 1.700 | 46.23    | 1.820 |
| 19        | 45.72    | 1.800 | 48.77    | 1.920 |
| 20        | 48.26    | 1.900 | 51.31    | 2.020 |
| 21        | 50.80    | 2.000 | 53.85    | 2.120 |
| 22        | 53.34    | 2.100 | 56.39    | 2.220 |
| 23        | 55.88    | 2.200 | 58.93    | 2.320 |
| 24        | 58.42    | 2.300 | 61.47    | 2.420 |
| 25        | 60.96    | 2.400 | 64.01    | 2.520 |



- NOTES:
- HEADER MATERIAL: GLASS FILLED POLYESTER, UL 94V-0, COLOR: BLACK  
PIN MATERIAL: PHOSPHOR BRONZE
  - FINISH:  
TIN: 3.81 MICROMETERS/150 MICROINCHES MINIMUM TIN PLATE OVERALL  
OVER NICKEL UNDERPLATE OVERALL  
15 GOLD: 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD PLATE IN CONTACT AREA  
1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN PLATE IN TAIL AREA  
OVER NICKEL UNDERPLATE OVERALL  
30 GOLD: 0.76 MICROMETERS/30 MICROINCHES MINIMUM GOLD PLATE IN CONTACT AREA  
1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN PLATE IN TAIL AREA  
OVER NICKEL UNDERPLATE OVERALL
  - HEADER TO BE USED WITH OPTION 'G' 70400 AND 70430 SERIES SL CONNECTORS
  - REFER TO MOLEX PRODUCT SPECIFICATION PS-70541 & PS-70400
  - STANDARD PACKAGING IN TUBES PER PK-70873-0015 OR  
OPTIONAL PACKAGING IN BAGS PER PK-70873-0535.  
OPTION PACK NOT AVAILABLE FOR ALL CKT SIZES.
  - ALTERNATIVE RIB, MAY BE SPLIT OR CONTINUOUS. EITHER OPTION DOES NOT IMPACT FUNCTION OF THE ASSEMBLY.



RECOMMENDED PC BOARD LAYOUT  
(FOR USE WITH (1.57)/.062 THICK BOARD)

| REV | DESCRIPTION                 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |      | DIMENSION STYLE |      | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | TITLE | DOCUMENT NO. | SHEET NO. |
|-----|-----------------------------|-----------------|---------------------------------------|------|-----------------|------|-------|--------------|------------------------|-------|--------------|-----------|
|     |                             |                 | mm                                    | INCH | MM/IN           | DATE |       |              |                        |       |              |           |
| 6   | REMOVE DIM HX & REV. NOTE 6 |                 |                                       |      |                 |      |       |              |                        |       |              |           |
| 5   | EC NO: UCP2016-0427         |                 |                                       |      |                 |      |       |              |                        |       |              |           |
| 4   | DRWNSMORGAN                 |                 |                                       |      |                 |      |       |              |                        |       |              |           |
| 3   | CHKDORGAN                   |                 |                                       |      |                 |      |       |              |                        |       |              |           |
| 2   | APPR:SMILLER                |                 |                                       |      |                 |      |       |              |                        |       |              |           |
| 1   | 2016/02/19                  |                 |                                       |      |                 |      |       |              |                        |       |              |           |
| 0   |                             |                 |                                       |      |                 |      |       |              |                        |       |              |           |

| CIRCUIT SIZE | ENGINEERING NUMBER A-70553 |  | D REF.         | E ± .010       | MATING AREA FINISH | PC TAIL AREA FINISH | SEE PACK INFORMATION DRAWING PK-70873 |
|--------------|----------------------------|--|----------------|----------------|--------------------|---------------------|---------------------------------------|
| 2-10         | -0001-0009                 |  | (3,30)<br>.130 | (6,10)<br>.240 | 15 GOLD            | TIN                 | -0015 (TUBES)                         |
| 11-25        | -0010-0024                 |  | (3,30)<br>.130 | (6,10)<br>.240 | 15 GOLD            | TIN                 | -0015 (TUBES)                         |
| 2-10         | -0036-0044                 |  | (3,30)<br>.130 | (6,10)<br>.240 | TIN                | TIN                 | -0015 (TUBES)                         |
| 11-25        | -0045-0059                 |  | (3,30)<br>.130 | (6,10)<br>.240 | TIN                | TIN                 | -0015 (TUBES)                         |
| 2-10         | -0106-0114                 |  | (3,30)<br>.130 | (6,10)<br>.240 | 30 GOLD            | TIN                 | -0015 (TUBES)                         |
| 11-25        | -0115-0129                 |  | (3,30)<br>.130 | (6,10)<br>.240 | 30 GOLD            | TIN                 | -0015 (TUBES)                         |
| 2-10         | -0141-0149                 |  | (2,67)<br>.105 | (6,10)<br>.240 | 15 GOLD            | TIN                 | -0015 (TUBES)                         |
| 11-25        | -0150-0164                 |  | (2,67)<br>.105 | (6,10)<br>.240 | 15 GOLD            | TIN                 | -0015 (TUBES)                         |
| 2-10         |                            |  |                |                |                    |                     |                                       |
| 11-25        |                            |  |                |                |                    |                     |                                       |

| CIRCUIT SIZE | ASSEMBLY ITEM NUMBER | ASSEMBLY ITEM NUMBER | ASSEMBLY ITEM NUMBER | ASSEMBLY ITEM NUMBER | ASSEMBLY ITEM NUMBER | ASSEMBLY ITEM NUMBER |
|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 2            | 70553-0001           | 70553-0036           | 70553-0106           | 70553-0141           |                      |                      |
| 3            | 70553-0002           | 70553-0037           | 70553-0107           | 70553-0142           |                      |                      |
| 4            | 70553-0003           | 70553-0038           | 70553-0108           | 70553-0143           |                      |                      |
| 5            | 70553-0004           | 70553-0039           | 70553-0109           | 70553-0144           |                      |                      |
| 6            | 70553-0005           | 70553-0040           | 70553-0110           | 70553-0145           |                      |                      |
| 7            | 70553-0006           | 70553-0041           | 70553-0111           | 70553-0146           |                      |                      |
| 8            | 70553-0007           | 70553-0042           | 70553-0112           | 70553-0147           |                      |                      |
| 9            | 70553-0008           | 70553-0043           | 70553-0113           | 70553-0148           |                      |                      |
| 10           | 70553-0009           | 70553-0044           | 70553-0114           | 70553-0149           |                      |                      |
| 11           | 70553-0010           | 70553-0045           | 70553-0115           | 70553-0150           |                      |                      |
| 12           | 70553-0011           | 70553-0046           | 70553-0116           | 70553-0151           |                      |                      |
| 13           | 70553-0012           | 70553-0047           | 70553-0117           | 70553-0152           |                      |                      |
| 14           | 70553-0013           | 70553-0048           | 70553-0118           | 70553-0153           |                      |                      |
| 15           | 70553-0014           | 70553-0049           | 70553-0119           | 70553-0154           |                      |                      |
| 16           | 70553-0015           | 70553-0050           | 70553-0120           | 70553-0155           |                      |                      |
| 17           | 70553-0016           | 70553-0051           | 70553-0121           | 70553-0156           |                      |                      |
| 18           | 70553-0017           | 70553-0052           | 70553-0122           | 70553-0157           |                      |                      |
| 19           | 70553-0018           | 70553-0053           | 70553-0123           | 70553-0158           |                      |                      |
| 20           | 70553-0019           | 70553-0054           | 70553-0124           | 70553-0159           |                      |                      |
| 21           | 70553-0020           | 70553-0055           | 70553-0125           | 70553-0160           |                      |                      |
| 22           | 70553-0021           | 70553-0056           | 70553-0126           | 70553-0161           |                      |                      |
| 23           | 70553-0022           | 70553-0057           | 70553-0127           | 70553-0162           |                      |                      |
| 24           | 70553-0023           | 70553-0058           | 70553-0128           | 70553-0163           |                      |                      |
| 25           | 70553-0024           | 70553-0059           | 70553-0129           | 70553-0164           |                      |                      |

\*X\* IN COLUMN UNDER \*ASSEMBLY ITEM NUMBER \* HEADING DENOTES TOOLING NOT AVAILABLE

|                                                                                                                                          |                      |                                                      |                  |                                                                                                                               |              |                        |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| <b>SEE SHEET 1</b><br>EC NO: UCP2016-04/27<br>2015/07/29<br>DRWNSWANGOT<br>CHKDORGAN<br>APPR:SMILLER<br>2016/02/19<br>DESCRIPTION<br>REV | QUALITY SYMBOLS      | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE  | SCALE                                                                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |
|                                                                                                                                          | ▽=0                  | mm INCH                                              | MM/IN            | 4:1                                                                                                                           | INCH         |                        |
|                                                                                                                                          | ▽=0                  | 4 PLACES ± --- ± ---                                 | DRAWN BY DATE    |                                                                                                                               |              |                        |
|                                                                                                                                          | ▽=0                  | 3 PLACES ± --- ± .005                                | CHECKED BY DATE  |                                                                                                                               |              |                        |
|                                                                                                                                          |                      | 2 PLACES ± 0.13 ± .010                               | APPROVED BY DATE |                                                                                                                               |              |                        |
|                                                                                                                                          | 1 PLACE ± 0.25 ± --- | 0 PLACE ± --- ± ---                                  | MATERIAL NO.     | DOCUMENT NO.                                                                                                                  | SHEET NO.    |                        |
|                                                                                                                                          | ANGULAR ± 1/2°       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE        | SALES ASSY, SL RIGHT ANGLE HDR W/LATCH (2.54)/.100 CENTERS                                                                    |              |                        |
|                                                                                                                                          |                      |                                                      |                  | molex                                                                                                                         |              |                        |
|                                                                                                                                          |                      |                                                      |                  | SDA-70553-****                                                                                                                |              |                        |
|                                                                                                                                          |                      |                                                      |                  | 2 OF 3                                                                                                                        |              |                        |
|                                                                                                                                          |                      |                                                      |                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |

'X' IN COLUMN UNDER 'ASSEMBLY ITEM NUMBER' HEADING DENOTES TOOLING NOT AVAILABLE

ib\_frame\_C\_P\_AM\_T  
Rev. G 2012/01/11