



**Distributor of Molex Connector Corporation: Excellent Integrated System Limited**  
Datasheet of 0872632093 - Connector Receptacle, Bottom Entry 20 Position 0.079" (2.00mm)  
Gold Surface Mount

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## **Excellent Integrated System Limited**

Stocking Distributor

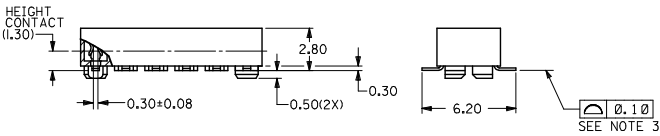
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0872632093](#)

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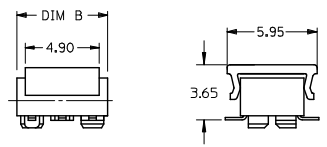
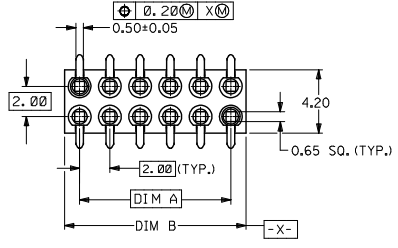
| CKT. SIZE | DIM. A | DIM. B |
|-----------|--------|--------|
| 4         | 2.00   | 4.00   |
| 6         | 4.00   | 6.00   |
| 8         | 6.00   | 8.00   |
| 10        | 8.00   | 10.00  |
| 12        | 10.00  | 12.00  |
| 14        | 12.00  | 14.00  |
| 16        | 14.00  | 16.00  |
| 18        | 16.00  | 18.00  |
| 20        | 18.00  | 20.00  |
| 22        | 20.00  | 22.00  |
| 24        | 22.00  | 24.00  |
| 26        | 24.00  | 26.00  |
| 28        | 26.00  | 28.00  |
| 30        | 28.00  | 30.00  |
| 32        | 30.00  | 32.00  |
| 34        | 32.00  | 34.00  |
| 36        | 34.00  | 36.00  |
| 38        | 36.00  | 38.00  |
| 40        | 38.00  | 40.00  |
| 42        | 40.00  | 42.00  |
| 44        | 42.00  | 44.00  |



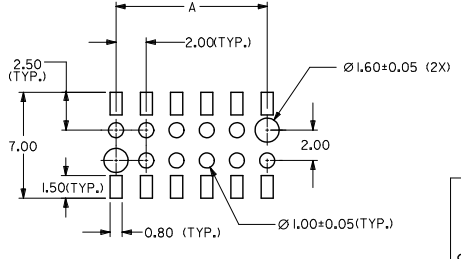
**PART NO. LEGEND**

87263 - \* \* \* \*

- CIRCUIT SIZE
- PLATING OPTION  
 3 - 0.38um MIN. GOLD  
 5 - 0.76um MIN. GOLD  
 6 - (0.13-0.38)um GOLD FLASH
- PACKAGING  
 0 - W/CAP IN TUBE (SEE SHEET 2)  
 2 - W/O CAP IN TUBE (SEE SHEET 2)  
 8 - W/O CAP IN TAPE & REEL (SEE SHEET 3)  
 9 - W/CAP IN TAPE & REEL (SEE SHEET 3)



PARTS TO BE PACK WITH CAP (12 CKT SHOWN)



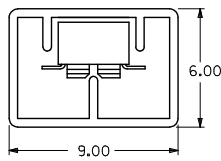
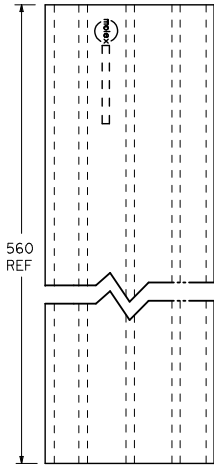
RECOMMENDED SOLDER PAD DESIGN

**NOTES:**

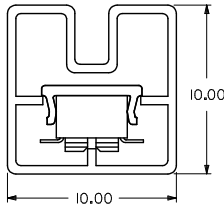
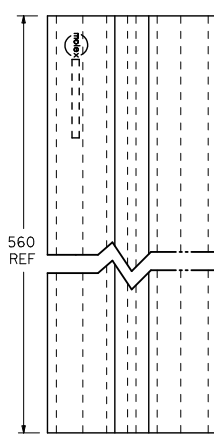
- FOR ILLUSTRATION PURPOSES, DRAWINGS SHOWS PART WITH 12 CIRCUIT SIZE
- PLATING:  
POST PLATING - SELECTIVE GOLD (SEE LEGEND) AT CONTACT AREA, AND 1.27um MIN. SELECTIVE TIN AT SOLDER AREA BOTH OVER 1.27um MIN. NICKEL OVERALL
- CO-PLANARITY OF P.C TAIL TO BE MEASURED BY RESTING THE PART ON A FLAT GAGE SURFACE.
- PRODUCT SPECIFICATION PS-87263 APPLIES
- CAP: HIGH TEMPERATURE THERMOPLASTIC, UL RATED 94V-0, SUITABLE FOR SURFACE-MOUNT SOLDERING PROCESS.  
COLOR: BLACK
- POSITION OF CAP TO BE CENTRAL WITH RESPECT TO DIMENSION 'A'
- CONTACT FACTORY FOR DETAIL ON THIS PART NO.
- PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG
- P/N 87263-3686 TO BE PACKED IN EMBOSSED TAPE TYPE B1
- PACKAGING SPECIFICATION FOR TAPE AND REEL: PK-87263-300

| QUALITY SYMBOLS                                      | GENERAL TOLERANCES (UNLESS SPECIFIED) |      | DIMENSION STYLE |            | SCALE   | DESIGN UNITS | THIRD ANGLE PROJECTION   |
|--|---------------------------------------|------|-----------------|------------|---|--------------|--|
|  | mm                                    | INCH | MM ONLY         | DATE       |   |              |  |
| ∇=0  | 4 PLACES ±---                         | ±--- | DRAWN BY        | DATE       | NTS   | METRIC       | MGRID, B/ENTRY RECEPT.<br>2.80MM HT. W/LOC. PEGS<br>W/CAP. SMT |
| ∇=0  | 3 PLACES ±---                         | ±--- | JDK             | 1991/01/11 |   |              |  |
| ∇=0  | 2 PLACES ±0.20                        | ±--- | CHECKED BY      | DATE       | MLAI  | MLONG        | 2010/03/19   |
| ∇=0  | 1 PLACE ±---                          | ±--- | APPROVED BY     | DATE       |   |              |  |
| ∇=0  | 0 PLACE ±                             | ±    | MLONG           | 2010/03/19 | MATERIAL NO.  |              | DOCUMENT NO.   |
| ANGULAR ± 3 °  |                                       |      | SEE TABLE       |            | SD-87263-**2*   |              | SHEET NO.  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                       |      | SIZE A3         |            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              | 1 OF 4   |

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P/N 87263-\*\*-2\*

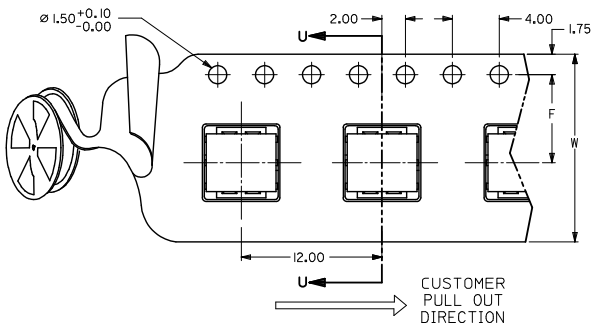


P/N 87263-\*\*-0\*

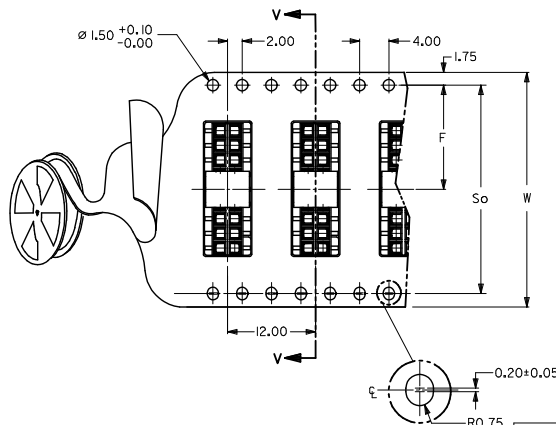
| CKT. SIZE | PART NO. FOR PARTS WITHOUT CAP | PART NO. FOR PARTS WITH CAP |
|-----------|--------------------------------|-----------------------------|
| 4         | 87263-042*                     | 87263-040*                  |
| 6         | 87263-062*                     | 87263-060*                  |
| 8         | 87263-082*                     | 87263-080*                  |
| 10        | 87263-102*                     | 87263-100*                  |
| 12        | 87263-122*                     | 87263-120*                  |
| 14        | 87263-142*                     | 87263-140*                  |
| 16        | 87263-162*                     | 87263-160*                  |
| 18        | 87263-182*                     | 87263-180*                  |
| 20        | 87263-202*                     | 87263-200*                  |
| 22        | 87263-222*                     | 87263-220*                  |
| 24        | 87263-242*                     | 87263-240*                  |
| 26        | 87263-262*                     | 87263-260*                  |
| 28        | 87263-282*                     | 87263-280*                  |
| 30        | 87263-302*                     | 87263-300*                  |
| 32        | 87263-322*                     | 87263-320*                  |
| 34        | 87263-342*                     | 87263-340*                  |
| 36        | 87263-362*                     | 87263-360*                  |
| 38        | 87263-382*                     | 87263-380*                  |
| 40        | 87263-402*                     | 87263-400*                  |
| 42        | 87263-422*                     | 87263-420*                  |
| 44        | 87263-442*                     | 87263-440*                  |

| SEE SHEET 1<br>IEC NO: S2016-1073<br>DRAWN: GEMARLY 2015/11/03<br>CHKD: SCHEONG 2016/06/03<br>APPR: KILIM 2016/06/06 | QUALITY SYMBOLS  | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE   | SCALE                          | DESIGN UNITS        | THIRD ANGLE PROJECTION |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |
|--|--|---|---|--------------------------------|---------------------|------------------------|------|------|----------|------|------|----------|-------|------|---------|------|------|---------|---|---|---------|-----|--------|--|
|  | $\nabla=0$<br>$\nabla=0$<br>$\nabla=0$   | <table border="1"> <tr><th colspan="2">mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>3 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>2 PLACES</td><td>±0.20</td><td>±---</td></tr> <tr><td>1 PLACE</td><td>±---</td><td>±---</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table> | mm  |                                | INCH                | 4 PLACES               | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±0.20 | ±--- | 1 PLACE | ±--- | ±--- | 0 PLACE | ± | ± | MM ONLY | NTS | METRIC |  |
|  | mm   |   | INCH  |                                |                     |                        |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |
|  | 4 PLACES   | ±---  | ±---  |                                |                     |                        |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |
| 3 PLACES   | ±---   | ±---  |   |                                |                     |                        |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |
| 2 PLACES   | ±0.20  | ±---  |   |                                |                     |                        |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |
| 1 PLACE  | ±---   | ±---  |   |                                |                     |                        |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |
| 0 PLACE  | ±  | ±   |   |                                |                     |                        |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |
| ANGULAR ± 3°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS   | DRAWN BY: JDK DATE: 1991/01/11<br>CHECKED BY: MLAI DATE: 1991/01/11<br>APPROVED BY: MLONG DATE: 2010/03/19                       | MATERIAL NO.<br><b>SEE TABLE</b>  | TITLE<br>MGRID, B/ENTRY RECEPT.<br>2.80MM HT. W/LOC. PEGS<br>W/CAP. SMT<br> | DOCUMENT NO.<br>SD-87263-**-2* | SHEET NO.<br>2 OF 4 |                        |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |
| REV: J11   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |   |                                |                     |                        |      |      |          |      |      |          |       |      |         |      |      |         |   |   |         |     |        |  |

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PART NO. 87263-\*\*\*9\* (CKTS 04 TO 14)  
SINGLE SPROCKET HOLE T/REEL - TYPE A



PART NO. 87263-\*\*\*9\* (CKTS 16 TO 40)  
DOUBLE SPROCKET HOLE T/REEL - TYPE B

| PART NO. FOR PARTS WITHOUT CAP IN T/REEL | PART NO. FOR PARTS WITH CAP IN T/REEL | CKT. SIZE | F    | So   | W  | T/REEL TYPE |
|--|---------------------------------------|-----------|------|------|----|-------------|
| 87263-048*                               | 87263-049*                            | 4         | 11.5 | -    | 24 | A           |
| 87263-068*                               | 87263-069*                            | 6         | 11.5 | -    | 24 |             |
| 87263-088*                               | 87263-089*                            | 8         | 11.5 | -    | 24 |             |
| 87263-108*                               | 87263-109*                            | 10        | 11.5 | -    | 24 |             |
| 87263-128*                               | 87263-129*                            | 12        | 11.5 | -    | 24 |             |
| 87263-148*                               | 87263-149*                            | 14        | 11.5 | -    | 24 |             |
| 87263-168*                               | 87263-169*                            | 16        | 11.5 | -    | 24 |             |
| 87263-188*                               | 87263-189*                            | 18        | 14.2 | 28.4 | 32 |             |
| 87263-208*                               | 87263-209*                            | 20        | 20.2 | 40.4 | 44 |             |
| 87263-228*                               | 87263-229*                            | 22        | 20.2 | 40.4 | 44 |             |
| 87263-248*                               | 87263-249*                            | 24        | 20.2 | 40.4 | 44 |             |
| 87263-268*                               | 87263-269*                            | 26        | 20.2 | 40.4 | 44 |             |
| 87263-288*                               | 87263-289*                            | 28        | 20.2 | 40.4 | 44 |             |
| 87263-308*                               | 87263-309*                            | 30        | 20.2 | 40.4 | 44 |             |
| 87263-328*                               | 87263-329*                            | 32        | 26.2 | 52.4 | 56 |             |
| 87263-348*                               | 87263-349*                            | 34        | -    | -    | -  |             |
| 87263-368*                               | 87263-369*                            | 36        | 26.2 | 52.4 | 56 |             |
| 87263-388*                               | 87263-389*                            | 38        | -    | -    | -  |             |
| 87263-408*                               | 87263-409*                            | 40        | -    | -    | -  |             |
| 87263-3686                               | -                                     | 36        | 26.2 | 52.4 | 56 | B1          |

NOTES:

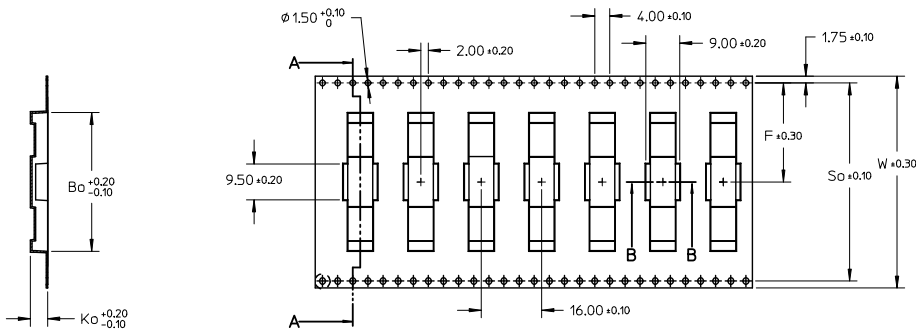
- LEADER AND TRAILER TAPE  
160 MIN. TOP TAPE TRAILER  
390 MIN. TOP TAPE  
160 MIN. TAIL PART (EMPTY)  
230 MIN. LEADER PART (EMPTY)  
COMPONENT
- PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)  
15° MAX.  
PULL OUT DIRECTION
- PACKAGING STANDARD IS AS PER EIA-481.
- TAPE & REEL QUANTITY: EMBOSSED TYPE A & B = 1000PCS/REEL  
EMBOSSED TYPE B1 = 900PCS/REEL
- THE TAPE IS TREATED FOR ANTI-STATIC.

| QUALITY SYMBOLS                                      | GENERAL TOLERANCES (UNLESS SPECIFIED) |      | DIMENSION STYLE |            | SCALE   | DESIGN UNITS | THIRD ANGLE PROJECTION   |
|--|---------------------------------------|------|-----------------|------------|---|--------------|--|
|  | mm                                    | INCH | MM ONLY         | DATE       |   |              |  |
| √=0  | 4 PLACES ±---                         | ±--- | DRAWN BY        | DATE       | NTS   | METRIC       | MGRID, B/ENTRY RECEPT.<br>2.80MM HT. W/LOC. PEGS<br>W/CAP, SMT |
| √=0  | 3 PLACES ±---                         | ±--- | JDK             | 1991/01/11 |   |              |  |
| √=0  | 2 PLACES ±0.20                        | ±--- | CHECKED BY      | DATE       |   |              |  |
| √=0  | 1 PLACE ±---                          | ±--- | MLAI            | 1991/01/11 |   |              |  |
| √=0  | 0 PLACE ±                             | ±    | APPROVED BY     | DATE       | DOCUMENT NO.  |              | SD-87263-***2*   |
| ANGULAR ± 3 °  |                                       |      | MLONG           | 2010/03/19 | MATERIAL NO.  |              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                       |      | SEE TABLE       |            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              | SHEET NO.<br>3 OF 4  |

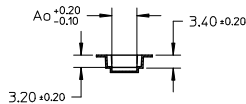
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|                         |          |       |      |      |
|-------------------------|----------|-------|------|------|
| PART WITHOUT CAP IN T&R | CKT SIZE | Bo    | Ko   | Ao   |
| 87263-3686              | 36       | 36.40 | 5.00 | 6.60 |

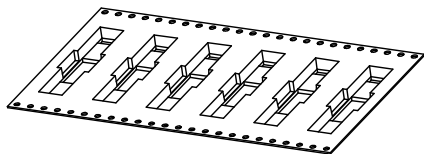
T/REEL TYPE B1



SECTION A-A



SECTION B-B



|   |                       |                                       |   |   |                  |                        |
|---|-----------------------|---------------------------------------|---|---|------------------|------------------------|
| SEE SHEET 1<br>IEC NO: S2016-1073<br>DRAWN BY: 2015/11/03<br>CHK'D: S2016-1073<br>APPR: 2016/06/03<br>REV: 2016/06/06 | QUALITY SYMBOLS       | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE   | SCALE   | DESIGN UNITS     | THIRD ANGLE PROJECTION |
|   | DESCRIPTION           | mm INCH                               | MM ONLY   | NTS   | METRIC           |                        |
|   | ▽=0                   | 4 PLACES ± --- ± ---                  | DRAWN BY: JDK DATE: 1991/01/11  | TITLE: MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP, SMT |                  |                        |
|   | ▽=0                   | 3 PLACES ± --- ± ---                  | CHECKED BY: MLAI DATE: 1991/01/11   |   |                  |                        |
| ▽=0   | 2 PLACES ± 0.20 ± --- | APPROVED BY: MLONG DATE: 2010/03/19   | MATERIAL NO.  | DOCUMENT NO.  | SHEET NO. 4 OF 4 |                        |
|   | 1 PLACE ± --- ± ---   |                                       | SEE TABLE   | SD-87263-***2*  |                  |                        |
|   | 0 PLACE ± ±           |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                  |                        |