

**NOTES:**

1. COMPATIBLE WITH MOLEX PT 90325, 90814, 90816.
2. USE WITH CABLES 28AWG STD. 26AWG STD. AND 26AWG (69 STRANDS) SUPERFLEX.
3. TERMINATION SPECIFICATION: ES-99033-0001.
4. PRODUCT SPECIFICATION: PS-99020-0011
5. PACKAGING SPEC: PK-90327-001

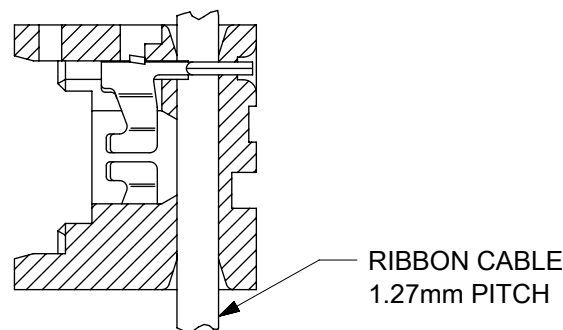
**HOUSING:**

MATL: POLYESTER RATED AT UL 94 V-0,  
COLOUR WHITE.

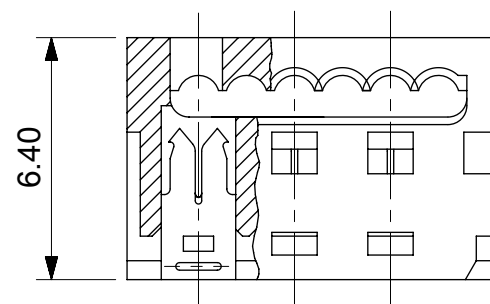
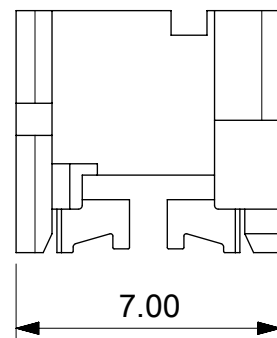
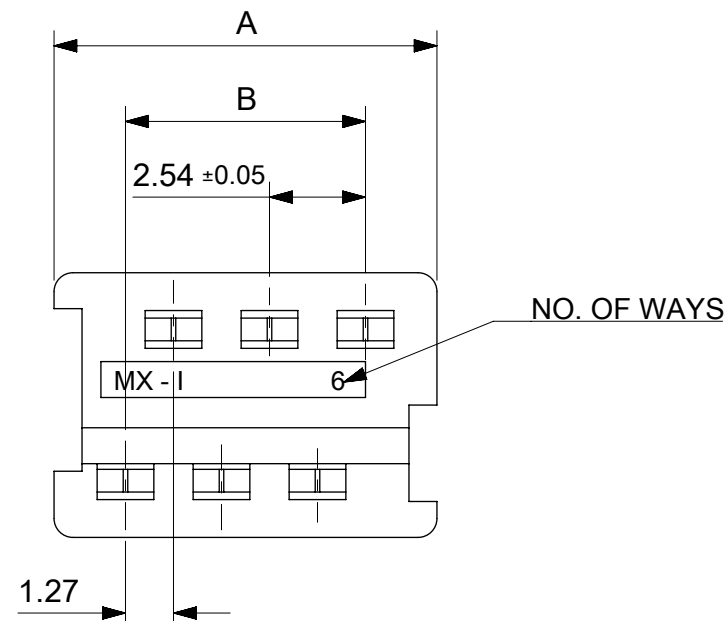
**IDT CONTACT**

MATL. PHOS BRONZE 0.17 THK HV 180-200  
PLATING. TIN: 2-4µm PURE TIN  
PLATING. UNDERPLATED 1.27µm MIN NICKEL  
3-5µm SELECTIVE TIN & 0.76µm MIN. SELECTIVE GOLD

90327 - \* 3 \* \*  
0 = 2µm PRE TIN ASSY  
3 = 0.76µm GOLD ASSY  
SEE CONTACT PLATING NOTE  
04 TO 26 = CCT SIZE, 51 TO 98 = ASSY ON REELS, SEE CHART  
COLOUR WHITE



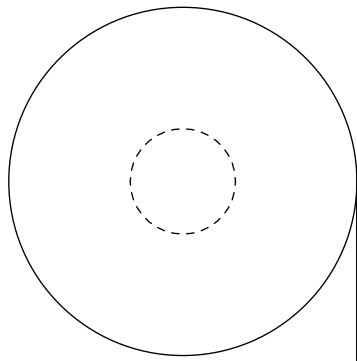
**SECTION SHOWING  
ASSY AFTER TERMINATION  
SEE NOTE 3**



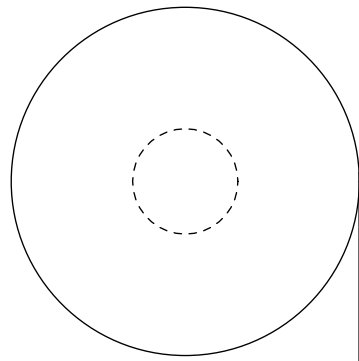
|            |          |             |             |
|------------|----------|-------------|-------------|
| 90327-*326 | 26       | 35.53       | 31.75       |
| -*324      | 24       | 32.99       | 29.21       |
| -*322      | 22       | 30.45       | 26.67       |
| -*320      | 20       | 27.91       | 24.13       |
| -*318      | 18       | 25.37       | 21.59       |
| -*316      | 16       | 22.83       | 19.05       |
| -*314      | 14       | 20.29       | 16.51       |
| -*312      | 12       | 17.75       | 13.97       |
| -*310      | 10       | 15.21       | 11.43       |
| -*308      | 8        | 12.67       | 8.89        |
| -*306      | 6        | 10.13       | 6.35        |
| 9327-*304  | 4        | 7.59        | 3.81        |
| PART NO.   | CCT SIZE | DIMENSION A | DIMENSION B |

| FUNCTIONAL SYMBOLS                                   | DIMENSION UNITS                       | SCALE                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |          |                 |   |
|--|---------------------------------------|------------------------|---|----------|-----------------|---|
| $\nabla_A = 0$                                       | mm                                    | 5:1                    | CURRENT REV DESC: CAD MIGRATION   |          |                 |   |
| $\nabla_F = 0$                                       | GENERAL TOLERANCES (UNLESS SPECIFIED) |                        |   |          |                 | <b>molex</b><br>IDT ASSEMBLY<br>PICO FLEX<br>PRODUCT CUSTOMER DRAWING |
| $\nabla_{F'} = 0$                                    | ANGULAR TOL ± 2°                      |                        |   |          |                 |   |
| DIVISIONAL SYMBOLS                                   | 4 PLACES ±                            |                        |   |          |                 |   |
|  | 3 PLACES ±                            |                        |   |          |                 |   |
|  | 2 PLACES ± 0.10                       |                        |   |          |                 | EC NO: 738955<br>DRWN: GOWTHP<br>APPR: ISHWARG                        |
|  | 1 PLACE ± 0.2                         |                        |   |          |                 | 2023/02/02<br>2023/02/16<br>2023/02/20                                |
|  | 0 PLACES ±                            |                        |   |          |                 | INITIAL REVISION:<br>DRWN: NPC<br>APPR: JDENNDHY                      |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                       | THIRD ANGLE PROJECTION | DRAWING   | SERIES   | MATERIAL NUMBER | CUSTOMER  |
|  |                                       |                        | A3-SIZE   | 90327    | SDA-90327       | GENERAL MARKET  |
|  |                                       |                        | DOCUMENT NUMBER   | DOC TYPE | DOC PART        | REVISION  |
|  |                                       |                        | SEE CHART   | PSD      | 001             | AK1   |
|  |                                       |                        | SHEET NUMBER  |          | 1 OF 2          |   |

REELING OPTION A

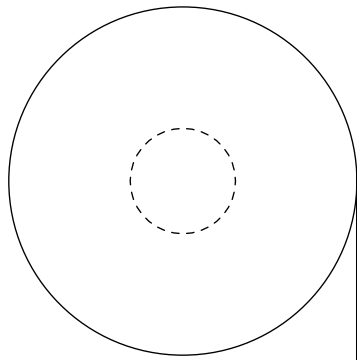


REELING OPTION B

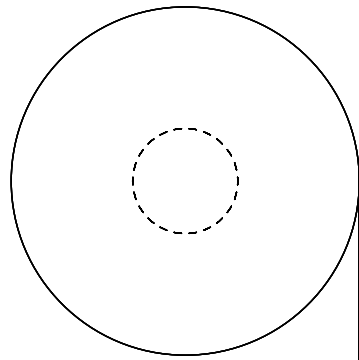


NARROW POLARISING SLOT

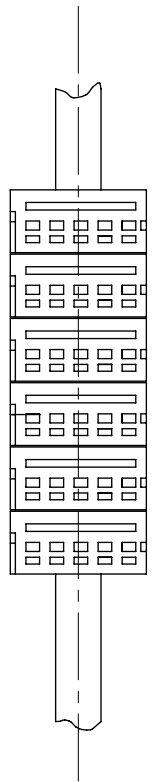
REELING OPTION C



REELING OPTION D



WIDE POLARISING SLOT



| REEL ASSY NO. | PART NO.   | CCT SIZE | REELING OPTION | REEL ASSY NO. | PART NO.   | CCT SIZE | REELING OPTION |
|---------------|------------|----------|----------------|---------------|------------|----------|----------------|
| 90327-*351    | 90327-*304 | 4        | A              | 90327-*375    | 90327-*316 | 16       | A              |
| *352          |            |          | B              | *376          |            |          | B              |
| *353          |            |          | C              | *377          |            |          | C              |
| 90327-*354    |            |          | D              | 90327-*378    |            |          | D              |
| 90327-*355    | 90327-*306 | 6        | A              | 90327-*379    | 90327-*318 | 18       | A              |
| *356          |            |          | B              | *380          |            |          | B              |
| *357          |            |          | C              | *381          |            |          | C              |
| 90327-*358    |            |          | D              | 90327-*382    |            |          | D              |
| 90327-*359    | 90327-*308 | 8        | A              | 90327-*383    | 90327-*320 | 20       | A              |
| *360          |            |          | B              | *384          |            |          | B              |
| *361          |            |          | C              | *385          |            |          | C              |
| 90327-*362    |            |          | D              | 90327-*386    |            |          | D              |
| 90327-*363    | 90327-*310 | 10       | A              | 90327-*387    | 90327-*326 | 26       | A              |
| *364          |            |          | B              | *388          |            |          | B              |
| *365          |            |          | C              | *389          |            |          | C              |
| 90327-*366    |            |          | D              | 90327-*390    |            |          | D              |
| 90327-*367    | 90327-*312 | 12       | A              | 90327-*391    | 90327-*322 | 22       | A              |
| *368          |            |          | B              | *392          |            |          | B              |
| *369          |            |          | C              | *393          |            |          | C              |
| 90327-*370    |            |          | D              | 90327-*394    |            |          | D              |
| 90327-*371    | 90327-*314 | 14       | A              | 90327-*395    | 90327-*324 | 24       | A              |
| *372          |            |          | B              | *396          |            |          | B              |
| *373          |            |          | C              | *397          |            |          | C              |
| 90327-*374    |            |          | D              | 90327-*398    |            |          | D              |

| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION   | CURRENT REV DESC: CAD MIGRATION |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
|--|---|---------------------------------|--------------------|-----------------|----------------|----------------|----------|-------|----------------|----------|-------|----------------|---------------------------------------|------------|----------------|-----------------------------|-----------|--|----------|---------------|--|--------------|--|------------------------|------------|---------------|-----------------|--|--------------|-------------------|------------|-----------|------------|----------------|----------------|--|--|-----------------|----------|----------|
|  | <table border="1"> <tr> <th>FUNCTIONAL SYMBOLS</th> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td><math>\nabla_A = 0</math></td> <td>mm</td> <td>1:1</td> </tr> <tr> <td><math>\nabla_E = 0</math></td> <td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> </tr> <tr> <td><math>\nabla_V = 0</math></td> <td colspan="2">ANGULAR TOL <math>\pm 2.0^\circ</math></td> </tr> </table>  | FUNCTIONAL SYMBOLS              | DIMENSION UNITS    |                 |                |                |          | SCALE | $\nabla_A = 0$ | mm       | 1:1   | $\nabla_E = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) |            | $\nabla_V = 0$ | ANGULAR TOL $\pm 2.0^\circ$ |           | <table border="1"> <tr> <td>EC NO: 738955</td> <td>2023/02/02</td> </tr> <tr> <td>DRWN: GOWTHP</td> <td>2023/02/16</td> </tr> <tr> <td>CHK'D: GOWTHP</td> <td>2023/02/16</td> </tr> <tr> <td>APPR: ISHWARG</td> <td>2023/02/20</td> </tr> </table> |          | EC NO: 738955 | 2023/02/02   | DRWN: GOWTHP | 2023/02/16   | CHK'D: GOWTHP          | 2023/02/16 | APPR: ISHWARG | 2023/02/20      | <table border="1"> <tr> <td>INITIAL REVISION:</td> <td>1991/02/27</td> </tr> <tr> <td>DRWN: PAD</td> <td>2004/09/16</td> </tr> <tr> <td>APPR: JDENNEHY</td> <td></td> </tr> </table> |              | INITIAL REVISION: | 1991/02/27 | DRWN: PAD | 2004/09/16 | APPR: JDENNEHY |                | <table border="1"> <tr> <th>DOCUMENT NUMBER</th> <th>DOC TYPE</th> <th>DOC PART</th> <th>REVISION</th> </tr> <tr> <td>SDA-90327</td> <td>PSD</td> <td>001</td> <td>AK1</td> </tr> </table> |  | DOCUMENT NUMBER | DOC TYPE | DOC PART |
| FUNCTIONAL SYMBOLS                                   | DIMENSION UNITS   | SCALE                           |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| $\nabla_A = 0$                                       | mm  | 1:1                             |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| $\nabla_E = 0$                                       | GENERAL TOLERANCES (UNLESS SPECIFIED)   |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| $\nabla_V = 0$                                       | ANGULAR TOL $\pm 2.0^\circ$   |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| EC NO: 738955  | 2023/02/02  |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| DRWN: GOWTHP   | 2023/02/16  |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| CHK'D: GOWTHP  | 2023/02/16  |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| APPR: ISHWARG  | 2023/02/20  |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| INITIAL REVISION:                                    | 1991/02/27  |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| DRWN: PAD  | 2004/09/16  |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| APPR: JDENNEHY                                       |   |                                 |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| DOCUMENT NUMBER                                      | DOC TYPE  | DOC PART                        | REVISION           |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| SDA-90327  | PSD   | 001                             | AK1                |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| DIVISIONAL SYMBOLS                                   | <table border="1"> <tr> <th>DIVISIONAL SYMBOLS</th> <th>PLACES</th> <th>TOLERANCE</th> </tr> <tr> <td><math>\nabla_A = 0</math></td> <td>4 PLACES</td> <td><math>\pm</math></td> </tr> <tr> <td><math>\nabla_E = 0</math></td> <td>3 PLACES</td> <td><math>\pm</math></td> </tr> <tr> <td><math>\nabla_V = 0</math></td> <td>2 PLACES</td> <td><math>\pm 0.10</math></td> </tr> <tr> <td></td> <td>1 PLACE</td> <td><math>\pm 0.2</math></td> </tr> <tr> <td></td> <td>0 PLACES</td> <td><math>\pm</math></td> </tr> </table> |                                 | DIVISIONAL SYMBOLS | PLACES          | TOLERANCE      | $\nabla_A = 0$ | 4 PLACES | $\pm$ | $\nabla_E = 0$ | 3 PLACES | $\pm$ | $\nabla_V = 0$ | 2 PLACES                              | $\pm 0.10$ |                | 1 PLACE                     | $\pm 0.2$ |  | 0 PLACES | $\pm$         | <table border="1"> <tr> <th>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</th> <th>THIRD ANGLE PROJECTION</th> <th>DRAWING</th> <th>SERIES</th> <th>MATERIAL NUMBER</th> <th>CUSTOMER</th> <th>SHEET NUMBER</th> </tr> <tr> <td></td> <td></td> <td>A3-SIZE</td> <td>90327</td> <td>SEE CHART</td> <td>GENERAL MARKET</td> <td>2 OF 2</td> </tr> </table> |              | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING    | SERIES        | MATERIAL NUMBER | CUSTOMER   | SHEET NUMBER |                   |            | A3-SIZE   | 90327      | SEE CHART      | GENERAL MARKET | 2 OF 2   |  |                 |          |          |
| DIVISIONAL SYMBOLS                                   | PLACES  | TOLERANCE                       |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| $\nabla_A = 0$                                       | 4 PLACES  | $\pm$                           |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| $\nabla_E = 0$                                       | 3 PLACES  | $\pm$                           |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| $\nabla_V = 0$                                       | 2 PLACES  | $\pm 0.10$                      |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
|  | 1 PLACE   | $\pm 0.2$                       |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
|  | 0 PLACES  | $\pm$                           |                    |                 |                |                |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION  | DRAWING                         | SERIES             | MATERIAL NUMBER | CUSTOMER       | SHEET NUMBER   |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |
|  |   | A3-SIZE                         | 90327              | SEE CHART       | GENERAL MARKET | 2 OF 2         |          |       |                |          |       |                |                                       |            |                |                             |           |  |          |               |  |              |  |                        |            |               |                 |  |              |                   |            |           |            |                |                |  |  |                 |          |          |