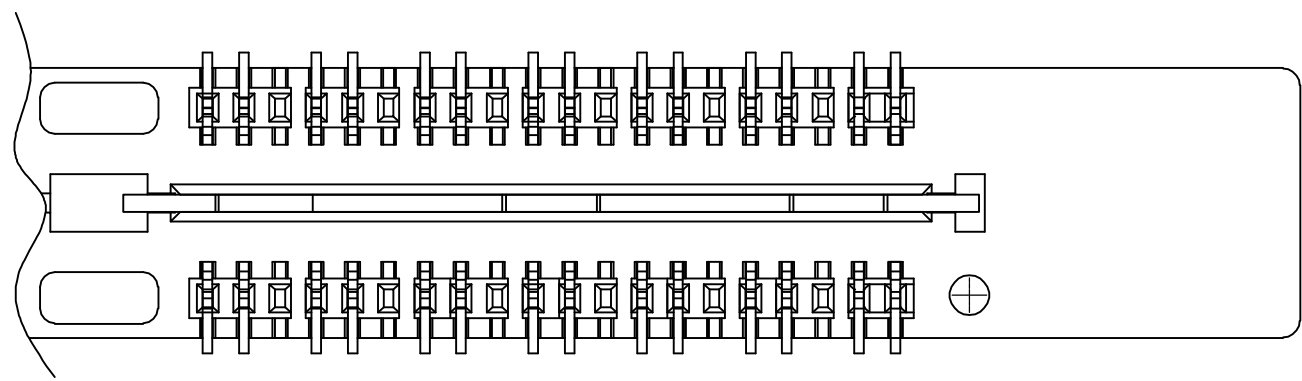
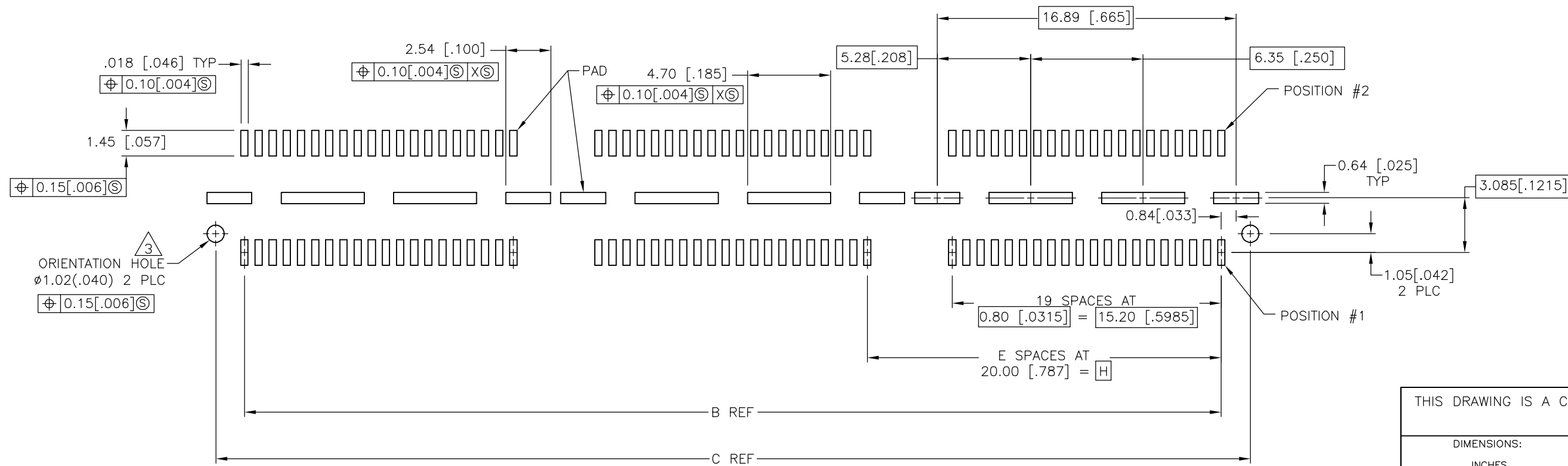
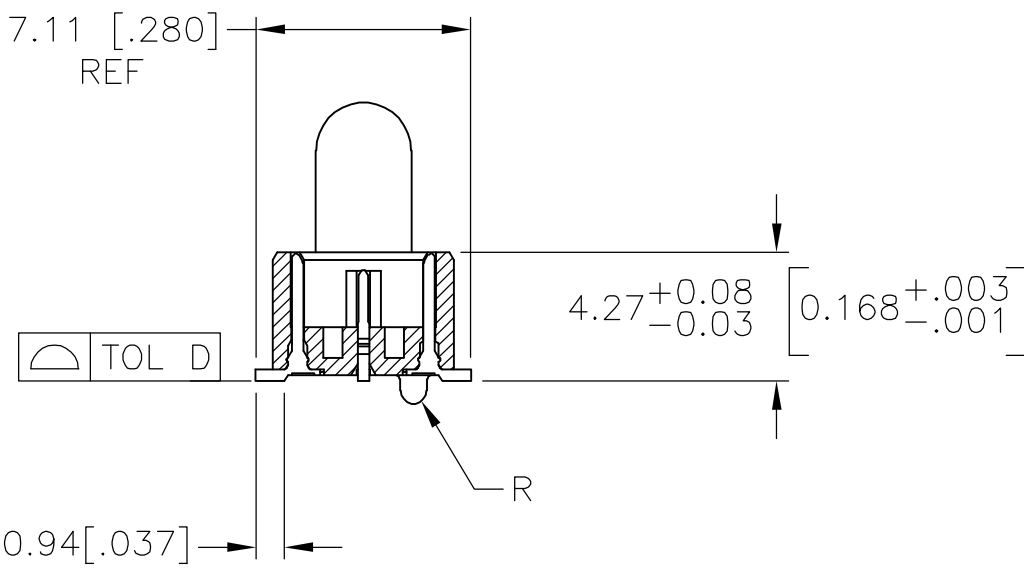
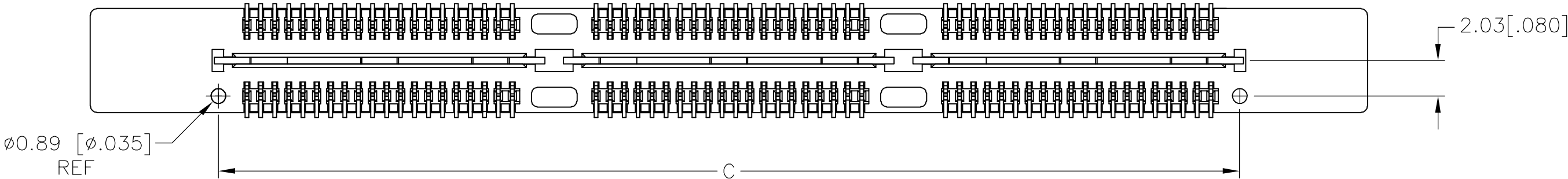
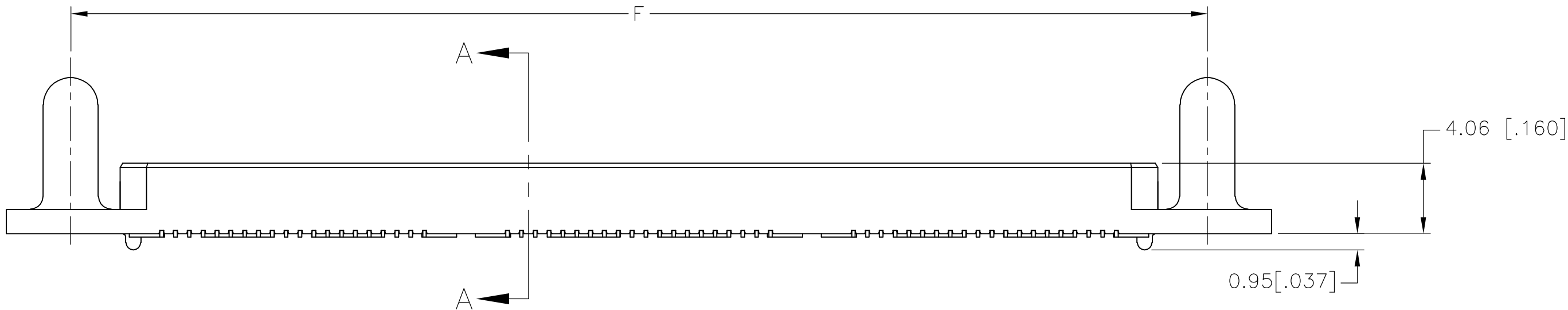
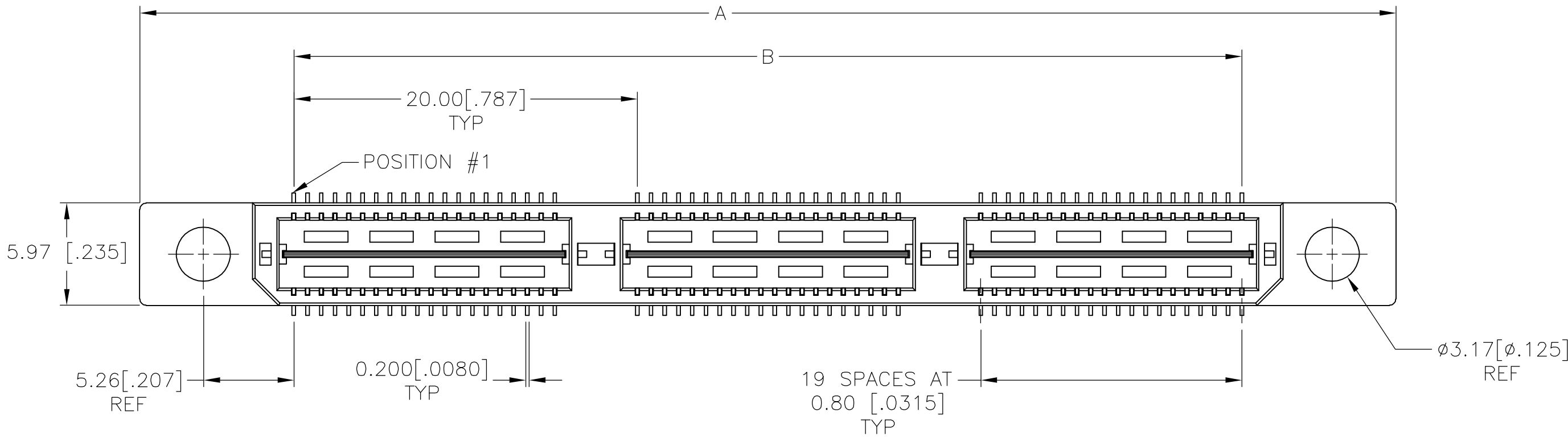


| LOC | DIST | REVISIONS |     |                             |         |     |      |
|-----|------|-----------|-----|-----------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION                 | DATE    | DWN | APVD |
| AD  | 00   |           | H   | REVISED PER EC OS12-0273-05 | 19SEP05 | JDP | DD   |

- 1
- HOUSING: LCP, BLACK.  
CONTACT & GROUND PLANE: PHOS BRONZE.
- 2
- CONTACT PLATING: SELECT GOLD FLASH.
- 3
- FOR STANDARD APPLICATIONS, ORIENTATION HOLE TO BE  
ø1.02 [ø.040].



RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)

|                                        |  |                                                                                                                     |         |                                                                                         |                    |                         |
|----------------------------------------|--|---------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B.CARBO                                                                                                      | 26FEB03 | <b>tyco</b><br>Electronics<br>Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                    |                         |
| DIMENSIONS:<br>INCHES                  |  | CHK<br>D.DIXON                                                                                                      | 26FEB03 |                                                                                         |                    |                         |
|                                        |  | APVD<br>D.DIXON                                                                                                     | 26FEB03 | NAME<br>PLUG ASSEMBLY, 5.0MM [.197] VERTICAL,<br>0.80MM CL, MICTOR SB                   |                    |                         |
|                                        |  | PRODUCT SPEC                                                                                                        |         |                                                                                         |                    |                         |
| MATERIAL<br>1                          |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                                           |         | SIZE<br>A2                                                                              | CAGE CODE<br>00779 | DRAWING NO<br>C=1658072 |
|                                        |  | 0 PLC ± -<br>1 PLC ± 0.3[.01]<br>2 PLC ± 0.13[.005]<br>3 PLC ± 0.051[.0020]<br>4 PLC ± -<br>ANGLES ± 2°<br>FINISH 2 |         | RESTRICTED TO<br>-                                                                      |                    |                         |
| CUSTOMER DRAWING                       |  |                                                                                                                     |         | SCALE<br>3:1                                                                            | SHEET<br>1 of 2    | REV<br>H                |

THIS DRAWING IS UNPUBLISHED.

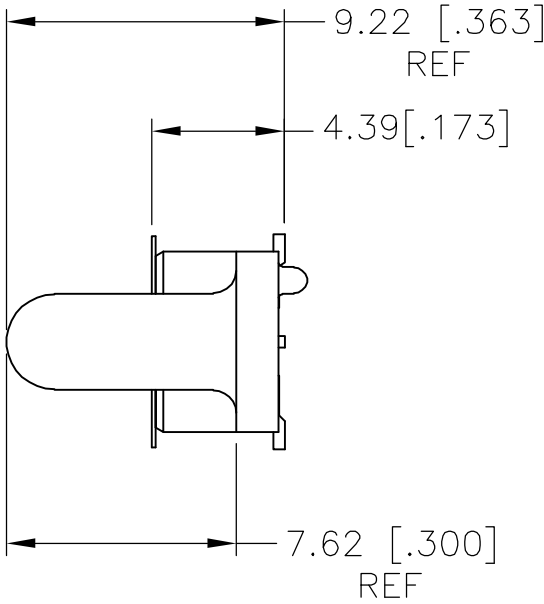
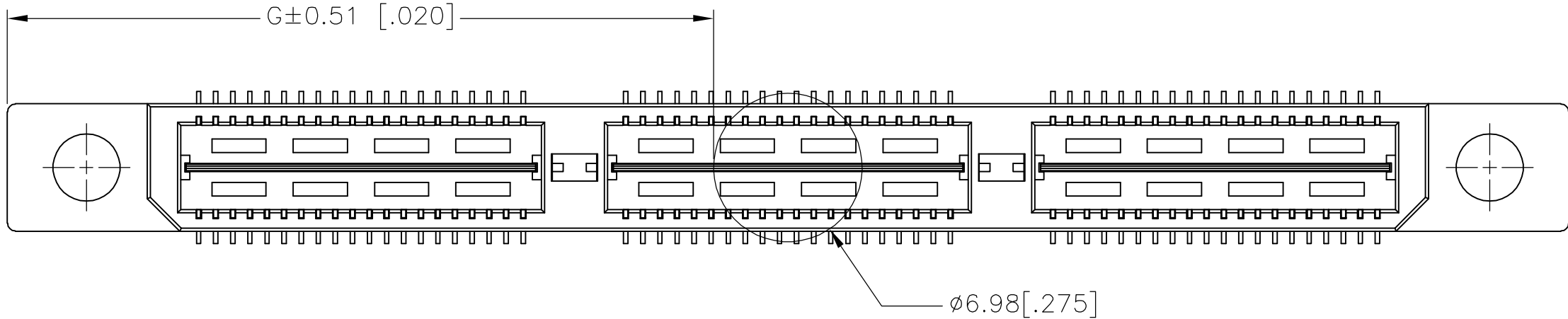
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| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| AD  | 00   |           | —   | SEE SHEET 1 | —    | —   | —    |



|              |              |               |   |              |              |              |               |                         |                   |               |              |                |
|--------------|--------------|---------------|---|--------------|--------------|--------------|---------------|-------------------------|-------------------|---------------|--------------|----------------|
| 20.00(.7874) | 23.06(.908)  | 45.72(1.800)  | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 53.14(2.092)  | YES                     | POCKET TAPE       | YES           | 56           | 7-1658072-2    |
| 0(.000)      | 13.08(.515)  | 25.72(1.013)  | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 33.15(1.305)  | YES                     | POCKET TAPE       | YES           | 28           | 7-1658072-1    |
| 20.00(.7874) | 23.06(.908)  | 45.72(1.800)  | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 53.14(2.092)  | YES                     | POCKET TAPE       | NO            | 80           | 6-1658072-2    |
| 0(.000)      | 13.08(.515)  | 25.72(1.013)  | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 33.15(1.305)  | YES                     | POCKET TAPE       | NO            | 40           | 6-1658072-1    |
| 20.00(.7874) | -            | 45.72(1.800)  | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 53.14(2.092)  | NO                      | POCKET TAPE       | YES           | 56           | 5-1658072-2    |
| 0(.000)      | -            | 25.72(1.013)  | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 33.15(1.305)  | NO                      | POCKET TAPE       | YES           | 28           | 5-1658072-1    |
| 20.00(.7874) | -            | 45.72(1.800)  | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 53.14(2.092)  | NO                      | POCKET TAPE       | NO            | 80           | 4-1658072-2    |
| 0(.000)      | -            | 25.72(1.013)  | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 33.15(1.305)  | NO                      | POCKET TAPE       | NO            | 40           | 4-1658072-1    |
| 80.00(3.150) | 53.07(2.090) | 105.72(4.162) | 4 | 0.152(.0060) | 98.50(3.878) | 95.20(3.748) | 113.15(4.454) | YES                     | TRAY              | YES           | 140          | 3-1658072-5    |
| 60.00(2.362) | 43.08(1.696) | 85.72(3.375)  | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 93.14(3.667)  | YES                     | TRAY              | YES           | 112          | 3-1658072-4    |
| 40.00(1.575) | 33.07(1.302) | 65.72(2.587)  | 2 | 0.152(.0060) | 58.50(2.303) | 55.20(2.173) | 73.15(2.88)   | YES                     | TRAY              | YES           | 84           | 3-1658072-3    |
| 20.00(.7874) | 23.06(.908)  | 45.72(1.800)  | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 53.14(2.092)  | YES                     | TRAY              | YES           | 56           | 3-1658072-2    |
| 0(.000)      | 13.08(.515)  | 25.72(1.013)  | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 33.15(1.305)  | YES                     | TRAY              | YES           | 28           | 3-1658072-1    |
| 80.00(3.150) | 53.07(2.090) | 105.72(4.162) | 4 | 0.152(.0060) | 98.50(3.878) | 95.20(3.748) | 113.15(4.454) | YES                     | TRAY              | NO            | 200          | 2-1658072-5    |
| 60.00(2.362) | 43.08(1.696) | 85.72(3.375)  | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 93.14(3.667)  | YES                     | TRAY              | NO            | 160          | 2-1658072-4    |
| 40.00(1.575) | 33.07(1.302) | 65.72(2.587)  | 2 | 0.152(.0060) | 58.50(2.303) | 55.20(2.173) | 73.15(2.88)   | YES                     | TRAY              | NO            | 120          | 2-1658072-3    |
| 20.00(.7874) | 23.06(.908)  | 45.72(1.800)  | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 53.14(2.092)  | YES                     | TRAY              | NO            | 80           | 2-1658072-2    |
| 0(.000)      | 13.08(.515)  | 25.72(1.013)  | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 33.15(1.305)  | YES                     | TRAY              | NO            | 40           | 2-1658072-1    |
| 80.00(3.150) | -            | 105.72(4.162) | 4 | 0.152(.0060) | 98.50(3.878) | 95.20(3.748) | 113.15(4.454) | NO                      | TRAY              | YES           | 140          | 1-1658072-5    |
| 60.00(2.362) | -            | 85.72(3.375)  | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 93.14(3.667)  | NO                      | TRAY              | YES           | 112          | 1-1658072-4    |
| 40.00(1.575) | -            | 65.72(2.587)  | 2 | 0.152(.0060) | 58.50(2.303) | 55.20(2.173) | 73.15(2.88)   | NO                      | TRAY              | YES           | 84           | 1-1658072-3    |
| 20.00(.7874) | -            | 45.72(1.800)  | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 53.14(2.092)  | NO                      | TRAY              | YES           | 56           | 1-1658072-2    |
| 0(.000)      | -            | 25.72(1.013)  | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 33.15(1.305)  | NO                      | TRAY              | YES           | 28           | 1-1658072-1    |
| 80.00(3.150) | -            | 105.72(4.162) | 4 | 0.152(.0060) | 98.50(3.878) | 95.20(3.748) | 113.15(4.454) | NO                      | TRAY              | NO            | 200          | 1658072-5      |
| 60.00(2.362) | -            | 85.72(3.375)  | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 93.14(3.667)  | NO                      | TRAY              | NO            | 160          | 1658072-4      |
| 40.00(1.575) | -            | 65.72(2.587)  | 2 | 0.152(.0060) | 58.50(2.303) | 55.20(2.173) | 73.15(2.88)   | NO                      | TRAY              | NO            | 120          | 1658072-3      |
| 20.00(.7874) | -            | 45.72(1.800)  | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 53.14(2.092)  | NO                      | TRAY              | NO            | 80           | 1658072-2      |
| 0(.000)      | -            | 25.72(1.013)  | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 33.15(1.305)  | NO                      | TRAY              | NO            | 40           | 1658072-1      |
| H            | G            | F             | E | D            | C            | B            | A             | POLYIMIDE<br>FILM PAD ▲ | PACKAGING<br>TYPE | DIFF.<br>PAIR | NO OF<br>POS | PART<br>NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL  
SEE SHEET 1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -  
1 PLC ± 0.3[.01]  
2 PLC ± 0.13[.005]  
3 PLC ± 0.051[.0020]  
4 PLC ± -  
ANGLES ± 2°  
FINISH  
SEE SHEET 1

DWN B.CARBO 26FEB03  
CHK D.DIXON 26FEB03  
APVD D.DIXON 26FEB03  
PRODUCT SPEC  
APPLICATION SPEC  
WEIGHT -

CUSTOMER DRAWING

**tyco**  
**Electronics**

Tyco Electronics Corporation  
Harrisburg, PA 17105-3608

NAME  
PLUG ASSEMBLY, 5.0MM [.197] VERTICAL,  
0.80MM CL, MICTOR SB

SIZE A2  
CAGE CODE 00779  
DRAWING NO C=1658072  
RESTRICTED TO -

SCALE 3:1  
SHEET 2 of 2  
REV H