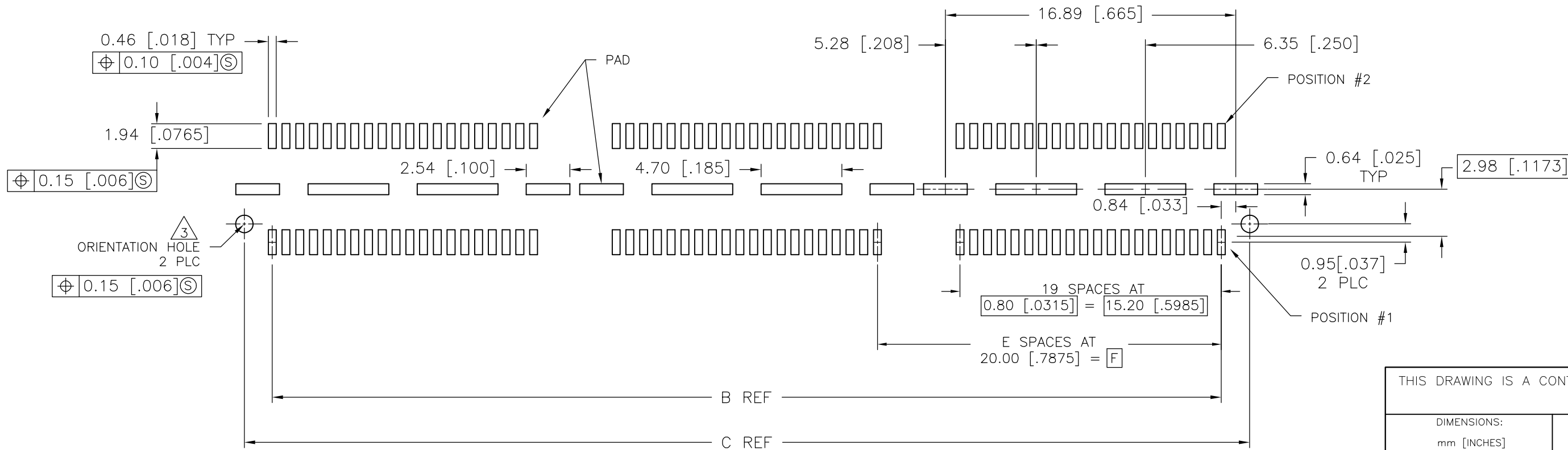
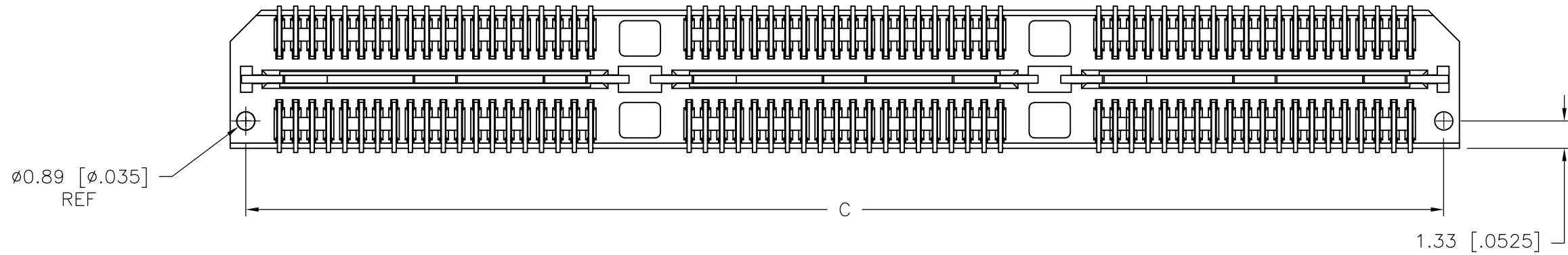
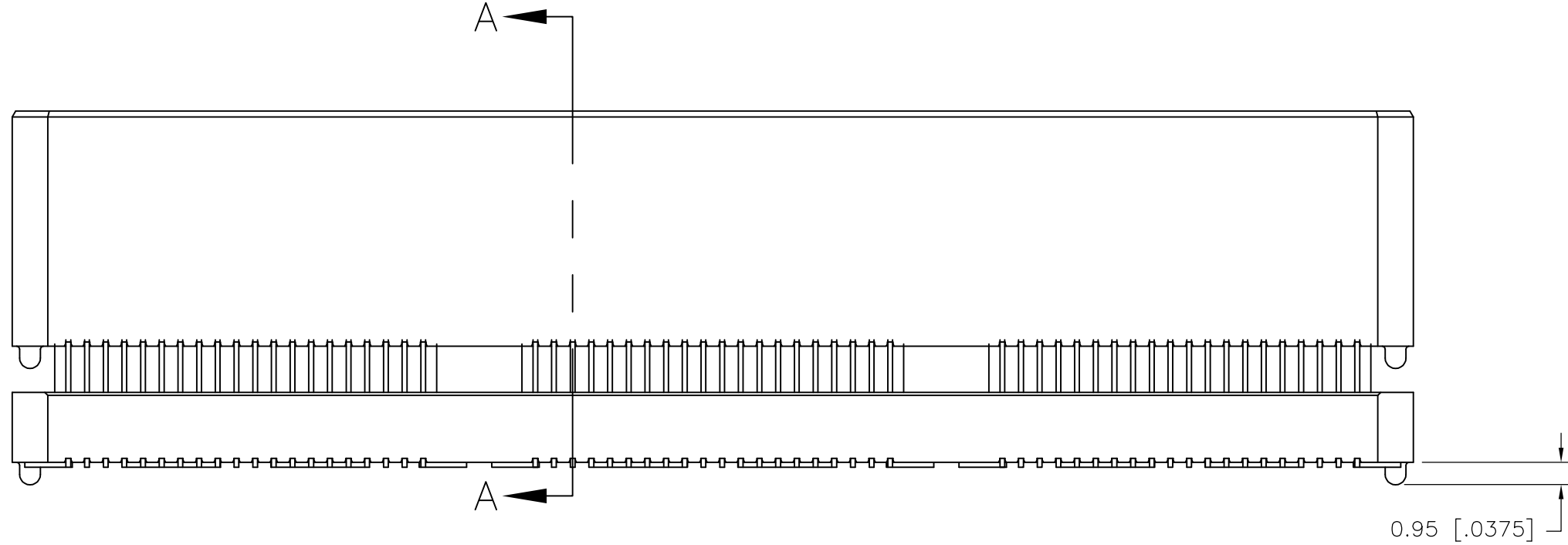
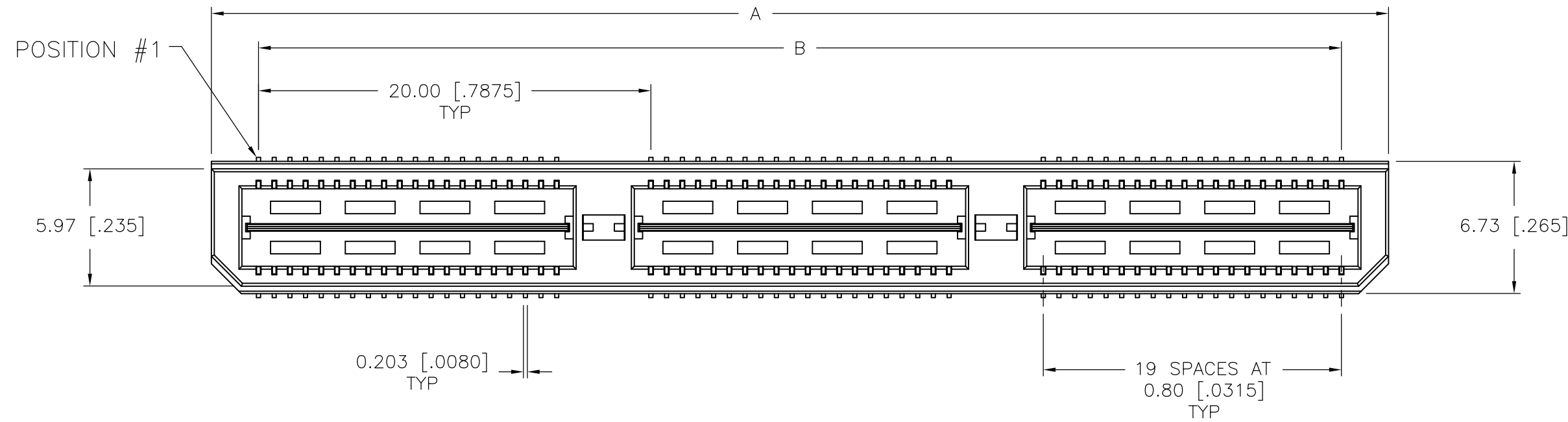


| LOC | DIST | REVISIONS |     |                           |           |      |
|-----|------|-----------|-----|---------------------------|-----------|------|
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN  |
|     |      | H2        |     | REVISED PER ECO-13-018229 | 22NOV2013 | KH   |
|     |      |           |     |                           |           | APVD |
|     |      |           |     |                           |           | MH   |

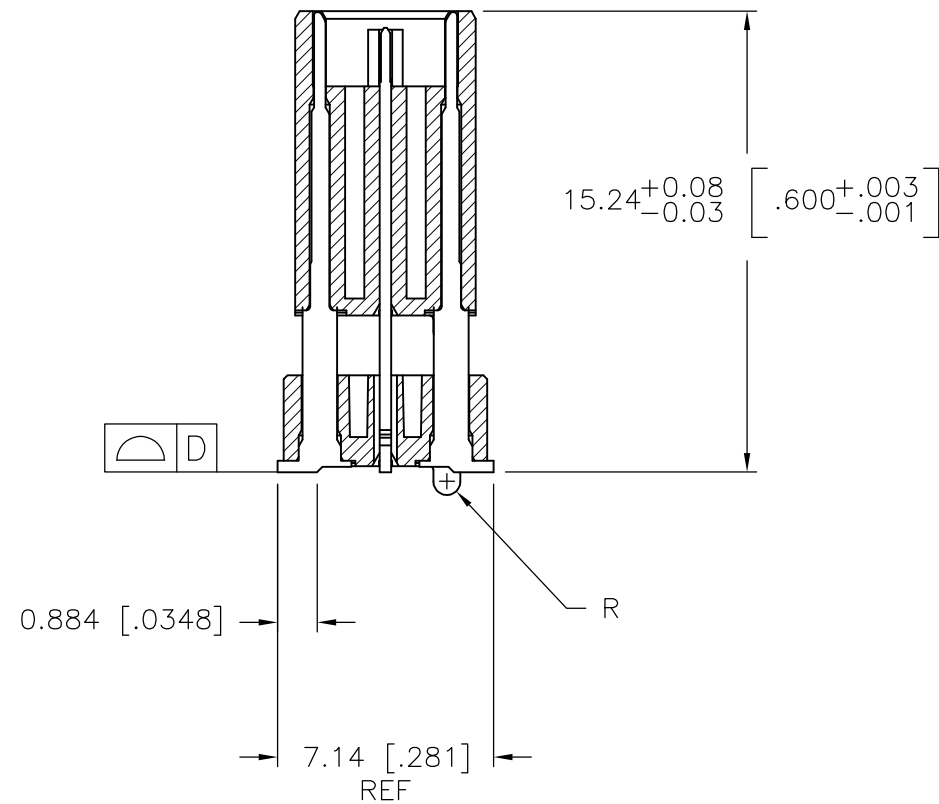


RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)

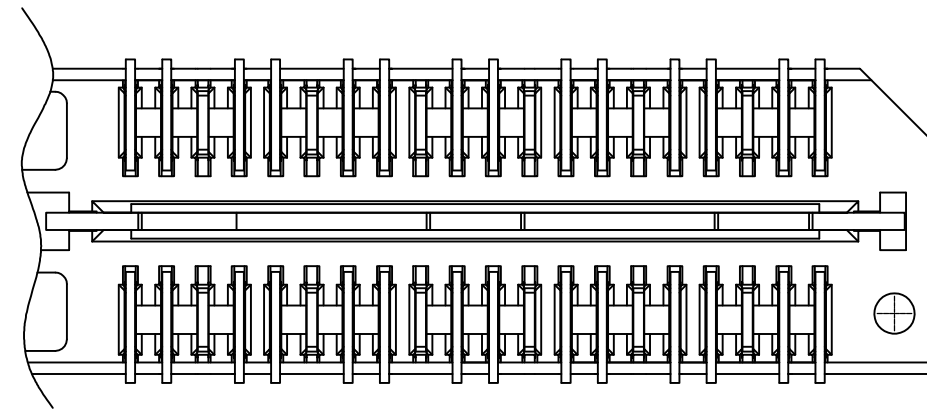
1 HOUSING: LCP, BLACK.  
CONTACT & GROUND PLANE: PHOS BRONZE.

2 CONTACT PLATING: SELECT 0.76 MICROMETERS (.000030 IN)  
MIN GOLD.

3 FOR STANDARD APPLICATIONS, ORIENTATION HOLE TO BE  
ø1.02 [ø.0400].



SECTION A-A



DIFFERENTIAL PAIR LOADING  
(BOTTOM VIEW)  
SCALE 2:1

|                                                                                       |  |                       |                    |                                                                                                       |               |
|---------------------------------------------------------------------------------------|--|-----------------------|--------------------|-------------------------------------------------------------------------------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B.CARBO        | 27MAY03            |  TE Connectivity |               |
|                                                                                       |  | CHK<br>D.DIXON        | 27MAY03            |                                                                                                       |               |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | APVD<br>D.DIXON       | 27MAY03            | NAME<br>HEADER ASSEMBLY, 16.0MM [.630] VERTICAL,<br>0.80MM CL,<br>MICTOR SB                           |               |
|  |  | PRODUCT SPEC<br>—     |                    |                                                                                                       |               |
|                                                                                       |  | APPLICATION SPEC<br>— |                    |                                                                                                       |               |
|                                                                                       |  | SIZE                  | CAGE CODE          | DRAWING NO                                                                                            | RESTRICTED TO |
| MATERIAL                                                                              |  | WEIGHT                | A2 00779 C-1658466 |                                                                                                       | —             |
|  |  | CUSTOMER DRAWING      |                    | SCALE                                                                                                 | SHEET         |
|  |  |                       |                    | 4:1                                                                                                   | 1 of 2        |
|                                                                                       |  |                       |                    |                                                                                                       | REV H2        |

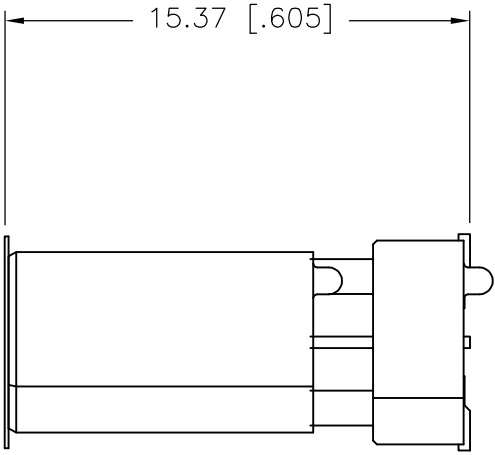
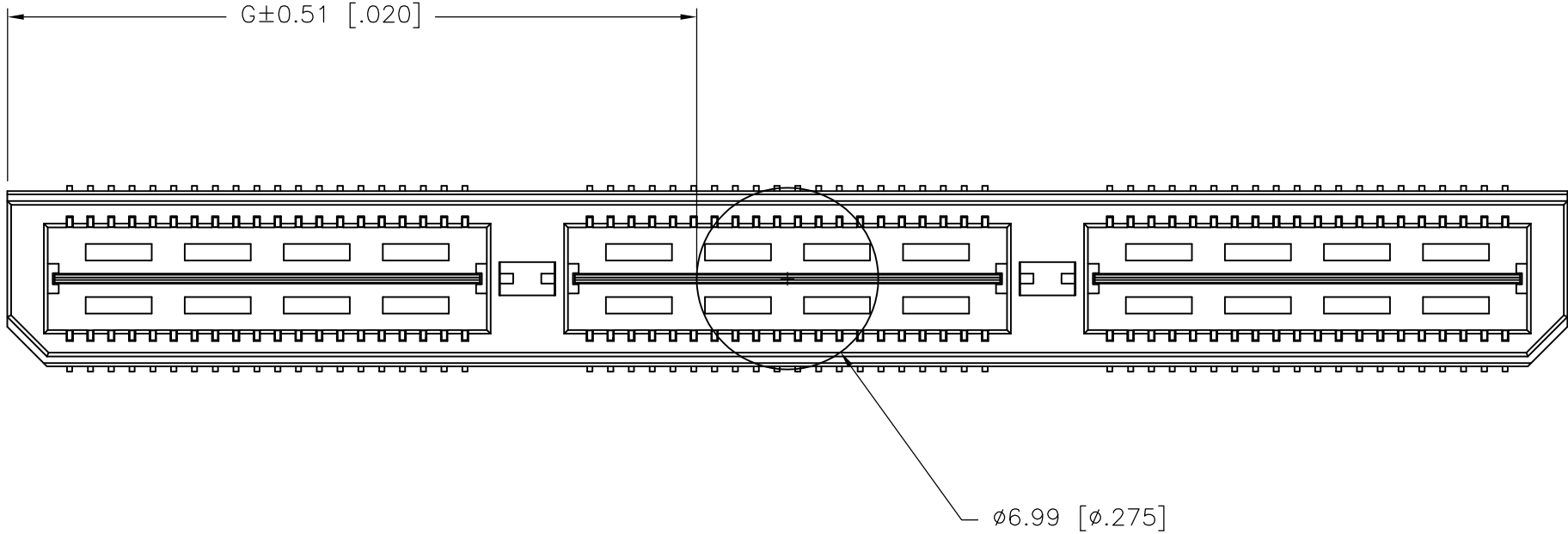
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| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| AD  | 00   |           | —   | SEE SHEET 1 |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



|              |              |   |              |              |              |               |                       |                   |               |              |                |
|--------------|--------------|---|--------------|--------------|--------------|---------------|-----------------------|-------------------|---------------|--------------|----------------|
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                   | 72 MM TAPE        | NO            | 80           | 7-1658466-4    |
| 26.52(1.044) | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | YES                   | POCKET TAPE       | YES           | 84           | 7-1658466-3    |
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                   | POCKET TAPE       | YES           | 56           | 7-1658466-2    |
| 6.50(.256)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                   | POCKET TAPE       | YES           | 28           | 7-1658466-1    |
| 26.52(1.044) | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | YES                   | POCKET TAPE       | NO            | 120          | 6-1658466-3    |
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                   | POCKET TAPE       | NO            | 80           | 6-1658466-2    |
| 6.50(.256)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                   | POCKET TAPE       | NO            | 40           | 6-1658466-1    |
| -            | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | NO                    | POCKET TAPE       | YES           | 84           | 5-1658466-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | NO                    | POCKET TAPE       | YES           | 56           | 5-1658466-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | NO                    | POCKET TAPE       | YES           | 28           | 5-1658466-1    |
| -            | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | NO                    | POCKET TAPE       | NO            | 120          | 4-1658466-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | NO                    | POCKET TAPE       | NO            | 80           | 4-1658466-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | NO                    | POCKET TAPE       | NO            | 40           | 4-1658466-1    |
| 46.51(1.831) | 80.00(3.150) | 4 | 0.152(.0060) | 98.50(3.748) | 95.20(3.748) | 100.00(3.937) | YES                   | TRAY              | YES           | 140          | 3-1658466-5    |
| 36.53(1.438) | 60.00(2.362) | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 80.00(3.150)  | YES                   | TRAY              | YES           | 112          | 3-1658466-4    |
| 26.52(1.044) | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | YES                   | TRAY              | YES           | 84           | 3-1658466-3    |
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                   | TRAY              | YES           | 56           | 3-1658466-2    |
| 6.50(.256)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                   | TRAY              | YES           | 28           | 3-1658466-1    |
| 46.51(1.831) | 80.00(3.150) | 4 | 0.152(.0060) | 98.50(3.748) | 95.20(3.748) | 100.00(3.937) | YES                   | TRAY              | NO            | 200          | 2-1658466-5    |
| 36.53(1.438) | 60.00(2.362) | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 80.00(3.150)  | YES                   | TRAY              | NO            | 160          | 2-1658466-4    |
| 26.52(1.044) | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | YES                   | TRAY              | NO            | 120          | 2-1658466-3    |
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                   | TRAY              | NO            | 80           | 2-1658466-2    |
| 6.50(.256)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                   | TRAY              | NO            | 40           | 2-1658466-1    |
| -            | 80.00(3.150) | 4 | 0.152(.0060) | 98.50(3.748) | 95.20(3.748) | 100.00(3.937) | NO                    | TRAY              | YES           | 140          | 1-1658466-5    |
| -            | 60.00(2.362) | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 80.00(3.150)  | NO                    | TRAY              | YES           | 112          | 1-1658466-4    |
| -            | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | NO                    | TRAY              | YES           | 84           | 1-1658466-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | NO                    | TRAY              | YES           | 56           | 1-1658466-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | NO                    | TRAY              | YES           | 28           | 1-1658466-1    |
| -            | 80.00(3.150) | 4 | 0.152(.0060) | 98.50(3.748) | 95.20(3.748) | 100.00(3.937) | NO                    | TRAY              | NO            | 200          | 1658466-5      |
| -            | 60.00(2.362) | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 80.00(3.150)  | NO                    | TRAY              | NO            | 160          | 1658466-4      |
| -            | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | NO                    | TRAY              | NO            | 120          | 1658466-3      |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | NO                    | TRAY              | NO            | 80           | 1658466-2      |
| -            | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | NO                    | TRAY              | NO            | 40           | 1658466-1      |
| G            | F            | E | D            | C            | B            | A             | POLYAMIDE<br>FILM PAD | PACKAGING<br>TYPE | DIFF.<br>PAIR | NO OF<br>POS | PART<br>NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm [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  
27MAY03

CHK  
D.DIXON  
27MAY03

APVD  
D.DIXON  
27MAY03

PRODUCT SPEC

APPLICATION SPEC

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

NAME  
HEADER ASSEMBLY, 16.0MM [.630] VERTICAL,  
0.80MM CL,  
MICTOR SB

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=1658466

RESTRICTED TO  
-

SCALE  
4:1

SHEET  
2 of 2

REV  
H2

1471-9 (3/11)

# Mouser Electronics

Authorized Distributor

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[6-1658466-1](#)