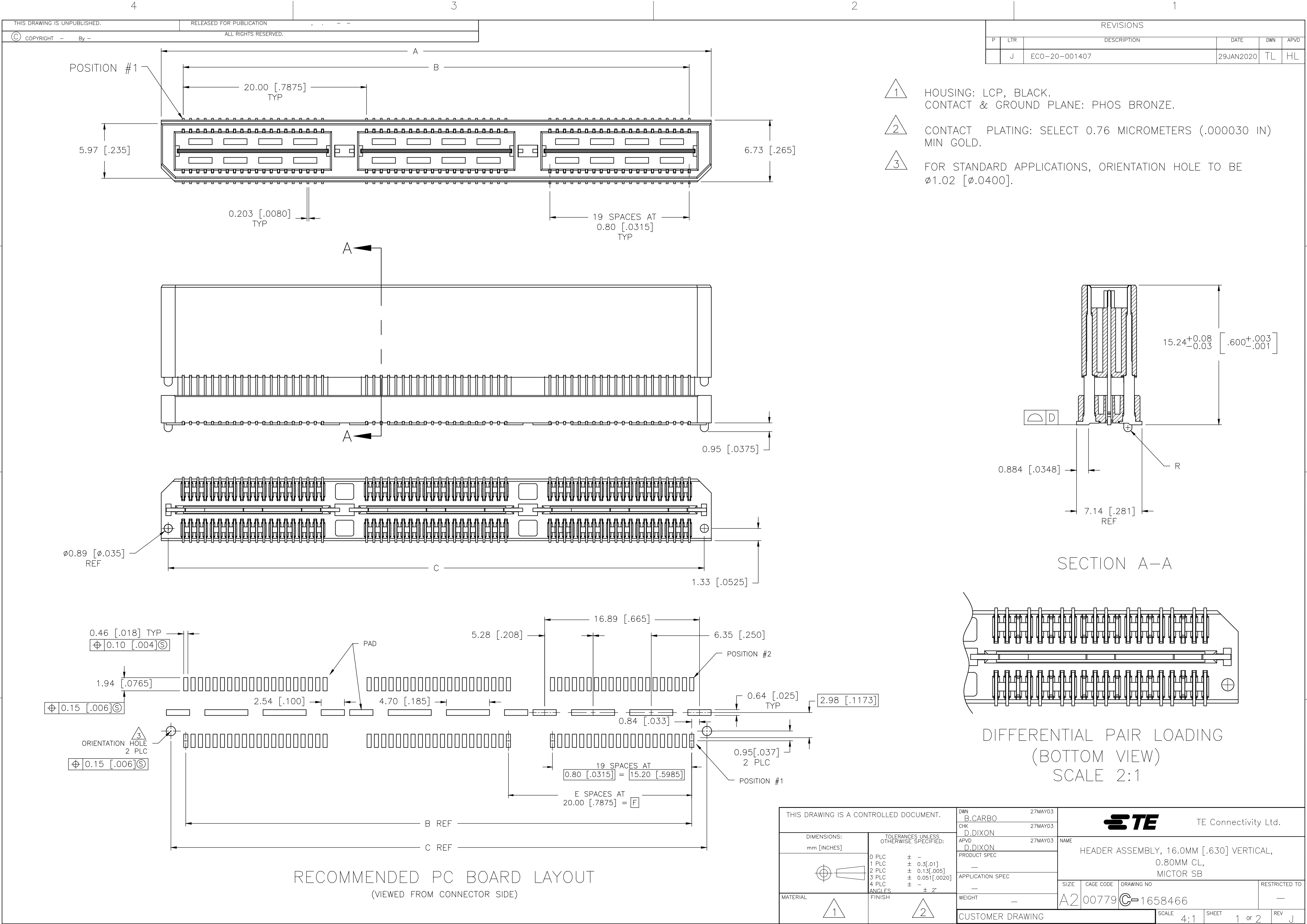
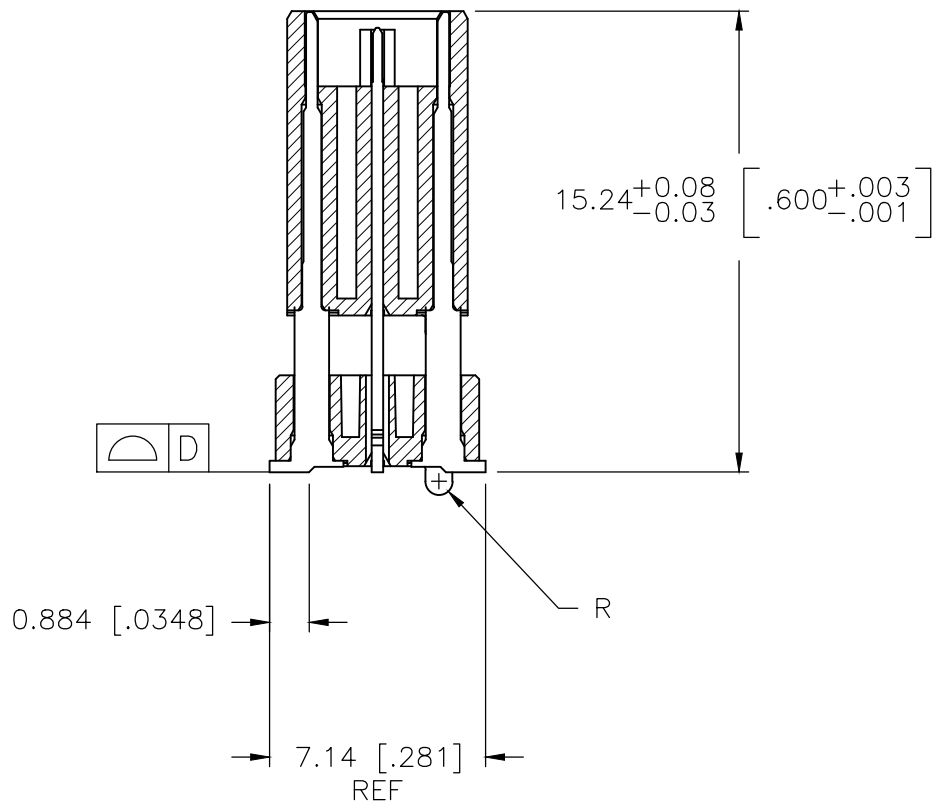


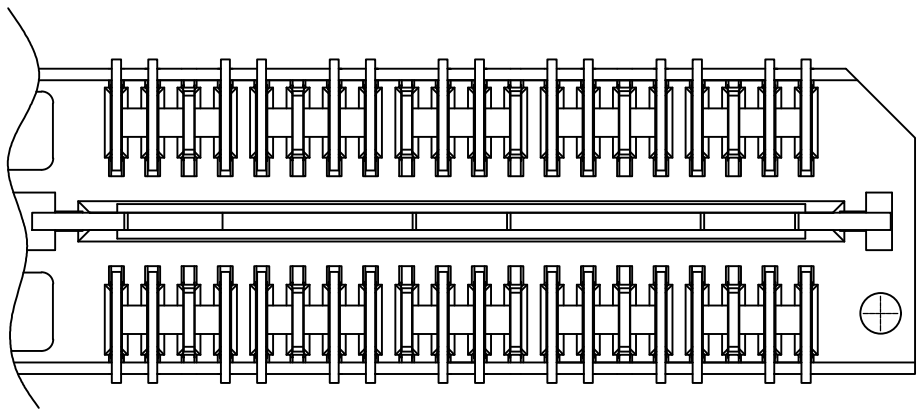


| REVISIONS |     |               |           |     |      |
|-----------|-----|---------------|-----------|-----|------|
| P         | LTR | DESCRIPTION   | DATE      | DWN | APVD |
| J         |     | ECO-20-001407 | 29JAN2020 | TL  | HL   |

- 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  $\varnothing 1.02$  [ $\varnothing .0400$ ].



SECTION A-A



DIFFERENTIAL PAIR LOADING  
(BOTTOM VIEW)  
SCALE 2:1

RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)

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

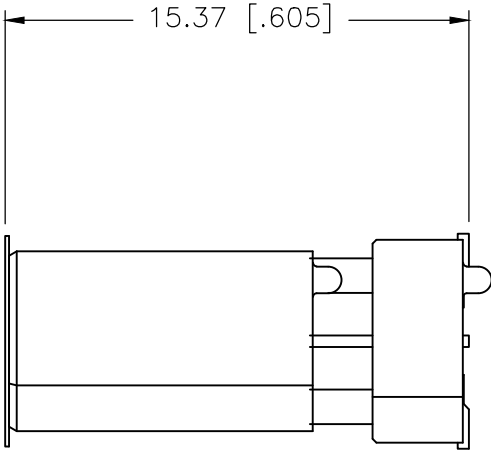
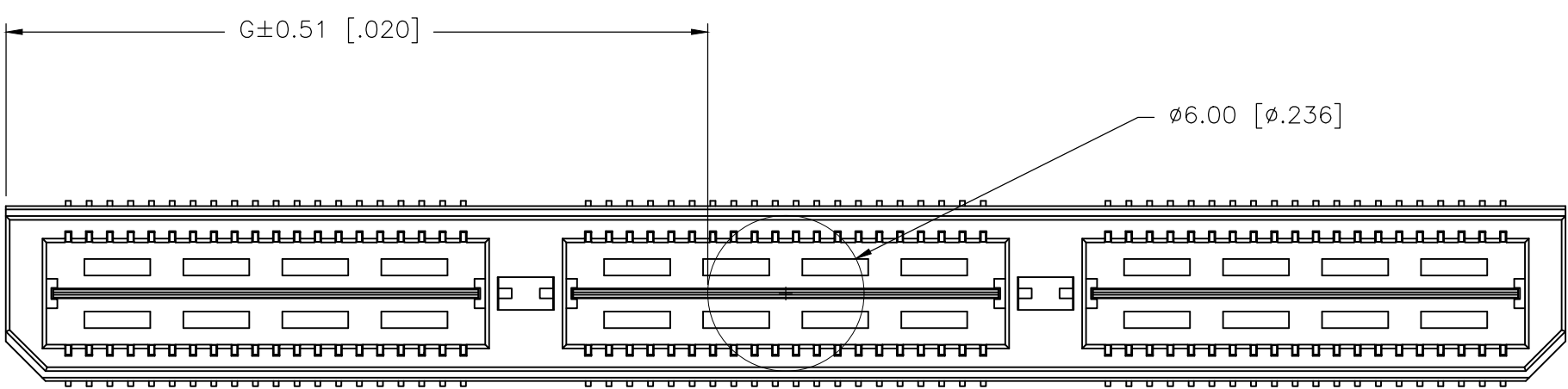
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | —   | SEE SHEET 1 | —    | —   | —    |

D

C

B

A



D

C

B

A

|              |              |   |              |              |              |               |                       |                   |               |              |                |
|--------------|--------------|---|--------------|--------------|--------------|---------------|-----------------------|-------------------|---------------|--------------|----------------|
| 17.00(.699)  | 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    |
| 27.01(1.063) | 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    |
| 17.00(.699)  | 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    |
| 6.99(.275)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                   | POCKET TAPE       | YES           | 28           | 7-1658466-1    |
| 27.01(1.063) | 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    |
| 17.00(.699)  | 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    |
| 6.99(.275)   | 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    |
| 47.00(1.850) | 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    |
| 37.02(1.457) | 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    |
| 27.01(1.063) | 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    |
| 17.00(.699)  | 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    |
| 6.99(.275)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                   | TRAY              | YES           | 28           | 3-1658466-1    |
| 47.00(1.850) | 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    |
| 37.02(1.457) | 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    |
| 27.01(1.063) | 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    |
| 17.00(.699)  | 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    |
| 6.99(.275)   | 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 |

1658466

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 Ltd.

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  
J

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