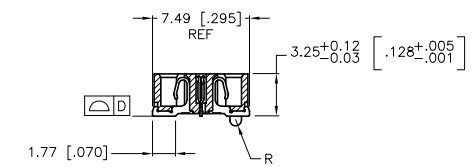
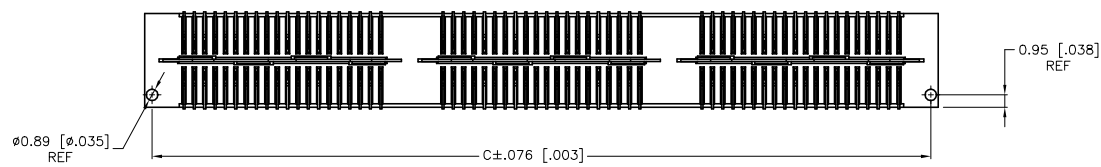
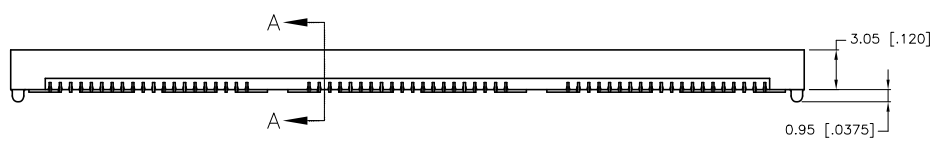
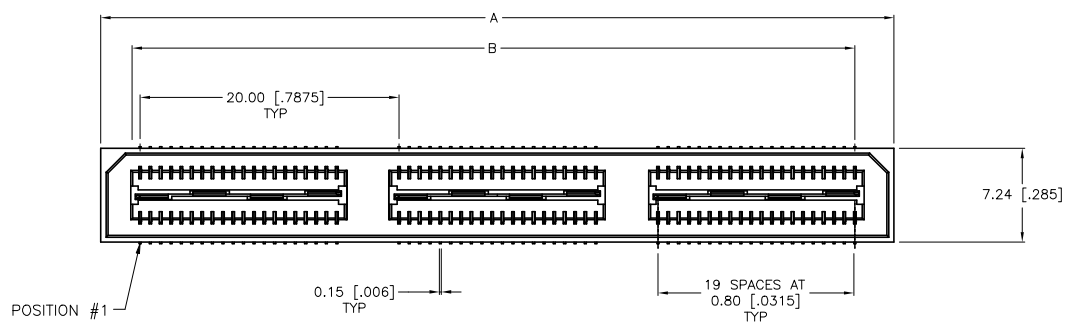
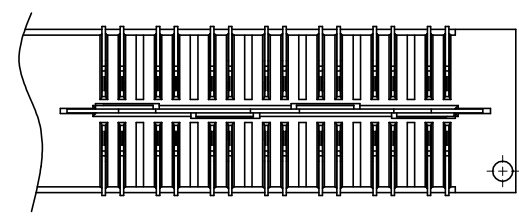
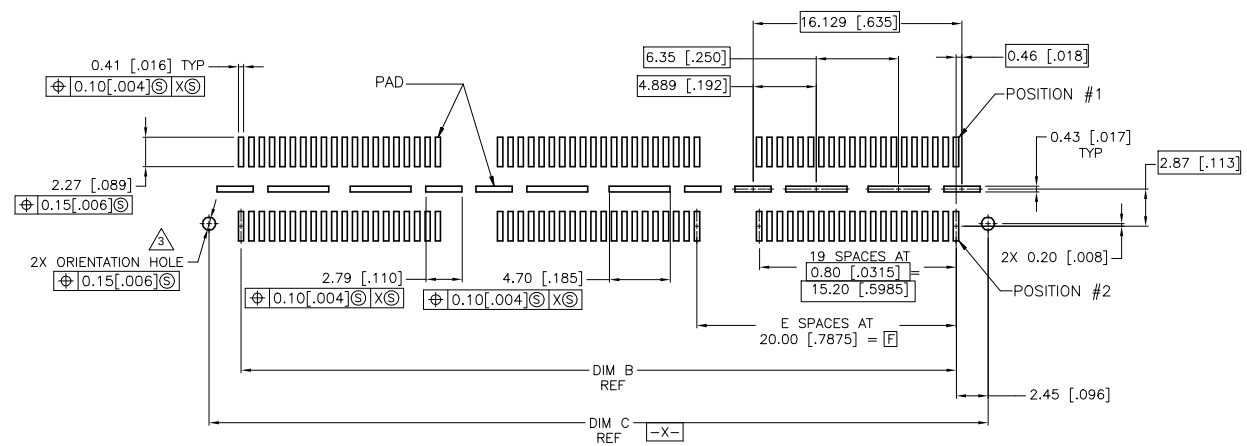


| REVISIONS |           |                           |    |       |
|-----------|-----------|---------------------------|----|-------|
| #         | DATE      | DESCRIPTION               | BY | APP'D |
| 1         | 29MAY2019 | REVISED PER ECR-19-008349 | AL | HL    |

- 1 HOUSING: LCP, BLACK.  
CONTACT & GROUND PLANE: PHOS BRONZE.
- 2 CONTACT PLATING: SELECT 0.25 MICROMETERS (.000010 IN) MIN. GOLD.
- 3 FOR STANDARD APPLICATIONS, ORIENTATION HOLE TO BE  $\phi 1.02$  [ $\phi .0400$ ].



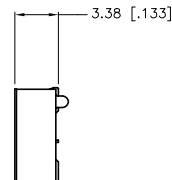
SECTION A-A



DIFFERENTIAL PAIR LOADING  
(BOTTOM VIEW)  
SCALE 8:1

RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)

|                                        |  |                    |                              |  |
|----------------------------------------|--|--------------------|------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DATE: 27MAY03      | TE Connectivity Ltd.         |  |
| DRAWN BY: S. CARBO                     |  | DATE: 27MAY03      | RECEPACLE ASSEMBLY, VERTICAL |  |
| CHECKED BY: D. DIXON                   |  | DATE: 27MAY03      | 0.80MM CL.                   |  |
| APPROVED BY: D. DIXON                  |  | DATE: 27MAY03      | -                            |  |
| PRODUCT SPEC: -                        |  | SIZE: 4:1          |                              |  |
| APPLICATION SPEC: -                    |  | DRAWING NO: 100779 |                              |  |
| MATERIAL: -                            |  | CAGE CODE: 1658462 |                              |  |
| FINISH: -                              |  | SHEET 1 OF 2       |                              |  |
| WEIGHT: -                              |  | REV: 1             |                              |  |
| CUSTOMER DRAWING                       |  | SCALE: 4:1         |                              |  |



POLYIMIDE FILM PAD  $\phi 7.30$  [ $\phi 287$ ]

- |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><br><br><br><br><br> | HOUSING: LCP, BLACK.<br>CONTACT & GROUND PLANE: PHOS BRONZE.<br><br>CONTACT PLATING: SELECT 0.25 MICROMETERS (.000010 IN)<br>MIN. GOLD.<br><br>FOR STANDARD APPLICATIONS, ORIENTATION HOLE TO BE<br>ø1.02 [ø.0400].<br><br>OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|              |               |   |              |               |              |               |           |             |       |      |             |
|--------------|---------------|---|--------------|---------------|--------------|---------------|-----------|-------------|-------|------|-------------|
| 26.99(1.063) | 40.00(1.575)  | 2 | 0.102(0.040) | 60.13(3.568)  | 55.20(2.173) | 41.28(2.412)  | YES       | POCKET TAPE | YES   | 84   | 7-1658462-3 |
| 16.98(6.699) | 40.00(1.7874) | 1 | 0.102(0.040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | YES       | POCKET TAPE | YES   | 56   | 7-1658462-1 |
| 6.99(2.75)   | 0(0.00)       | 0 | 0.102(0.040) | 20.13(1.793)  | 15.20(0.598) | 21.29(8.38)   | YES       | POCKET TAPE | YES   | 28   | 7-1658462-1 |
| 26.99(1.063) | 40.00(1.575)  | 2 | 0.152(0.060) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | YES       | POCKET TAPE | NO    | 120  | 6-1658462-3 |
| 16.98(6.699) | 40.00(1.7874) | 1 | 0.102(0.040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | YES       | POCKET TAPE | YES   | 56   | 7-1658462-1 |
| 6.99(2.75)   | 0(0.00)       | 0 | 0.102(0.040) | 20.13(1.793)  | 15.20(0.598) | 21.29(8.38)   | YES       | POCKET TAPE | NO    | 40   | 6-1658462-1 |
| -            | 40.00(1.575)  | 2 | 0.152(0.060) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | NO        | POCKET TAPE | YES   | 84   | 5-1658462-3 |
| -            | 20.00(1.7874) | 1 | 0.102(0.040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | NO        | POCKET TAPE | YES   | 56   | 6-1658462-1 |
| -            | 0(0.00)       | 0 | 0.102(0.040) | 20.13(1.793)  | 15.20(0.598) | 21.29(8.38)   | NO        | POCKET TAPE | YES   | 28   | 6-1658462-1 |
| -            | 40.00(1.575)  | 2 | 0.152(0.060) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | NO        | POCKET TAPE | NO    | 120  | 4-1658462-3 |
| -            | 20.00(1.7874) | 1 | 0.102(0.040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | NO        | POCKET TAPE | NO    | 56   | 4-1658462-1 |
| -            | 0(0.00)       | 0 | 0.102(0.040) | 20.13(1.793)  | 15.20(0.598) | 21.29(8.38)   | NO        | POCKET TAPE | NO    | 40   | 4-1658462-1 |
| 47.00(1.850) | 80.00(3.150)  | 4 | 0.152(0.060) | 100.14(3.943) | 95.20(3.748) | 101.30(3.988) | YES       | TRAY        | YES   | 140  | 3-1658462-5 |
| 36.99(1.456) | 80.00(3.362)  | 3 | 0.102(0.040) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | YES       | TRAY        | YES   | 120  | 3-1658462-3 |
| 26.99(1.063) | 40.00(1.575)  | 2 | 0.152(0.060) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | YES       | TRAY        | YES   | 84   | 3-1658462-3 |
| 16.98(6.699) | 40.00(1.7874) | 1 | 0.102(0.040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | YES       | TRAY        | YES   | 56   | 3-1658462-2 |
| 6.99(2.75)   | 0(0.00)       | 0 | 0.102(0.040) | 20.13(1.793)  | 15.20(0.598) | 21.29(8.38)   | YES       | TRAY        | YES   | 28   | 3-1658462-1 |
| 47.00(1.850) | 80.00(3.150)  | 4 | 0.102(0.040) | 100.14(3.943) | 95.20(3.748) | 101.30(3.988) | YES       | TRAY        | NO    | 140  | 2-1658462-5 |
| 36.99(1.456) | 80.00(3.362)  | 3 | 0.152(0.060) | 80.14(3.155)  | 75.20(2.961) | 81.28(3.200)  | YES       | TRAY        | NO    | 160  | 2-1658462-1 |
| 26.99(1.063) | 40.00(1.575)  | 2 | 0.152(0.060) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | YES       | TRAY        | NO    | 120  | 2-1658462-3 |
| 16.98(6.699) | 40.00(1.7874) | 1 | 0.102(0.040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | YES       | TRAY        | NO    | 56   | 2-1658462-1 |
| 6.99(2.75)   | 0(0.00)       | 0 | 0.102(0.040) | 20.13(1.793)  | 15.20(0.598) | 21.29(8.38)   | YES       | TRAY        | NO    | 40   | 2-1658462-1 |
| -            | 80.00(3.150)  | 4 | 0.152(0.060) | 100.14(3.943) | 95.20(3.748) | 101.30(3.988) | NO        | TRAY        | YES   | 140  | 1-1658462-5 |
| -            | 60.00(3.362)  | 3 | 0.102(0.040) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | NO        | TRAY        | YES   | 120  | 1-1658462-3 |
| -            | 40.00(1.575)  | 2 | 0.152(0.060) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | NO        | TRAY        | YES   | 84   | 1-1658462-3 |
| -            | 20.00(1.7874) | 1 | 0.102(0.040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | NO        | TRAY        | YES   | 56   | 1-1658462-2 |
| -            | 0(0.00)       | 0 | 0.102(0.040) | 20.13(1.793)  | 15.20(0.598) | 21.29(8.38)   | NO        | TRAY        | YES   | 28   | 1-1658462-2 |
| -            | 80.00(3.150)  | 4 | 0.102(0.040) | 100.14(3.943) | 95.20(3.748) | 101.30(3.988) | NO        | TRAY        | YES   | 140  | 1-1658462-1 |
| -            | 60.00(3.362)  | 3 | 0.152(0.060) | 80.14(3.155)  | 75.20(2.961) | 81.28(3.200)  | NO        | TRAY        | NO    | 160  | 1658462-1   |
| -            | 40.00(1.575)  | 2 | 0.152(0.060) | 60.13(3.568)  | 55.20(2.173) | 61.28(2.412)  | NO        | TRAY        | NO    | 120  | 1658462-3   |
| -            | 20.00(1.7874) | 1 | 0.102(0.040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | NO        | TRAY        | NO    | 56   | 1658462-1   |
| -            | 0(0.00)       | 0 | 0.102(0.040) | 20.13(1.793)  | 15.20(0.598) | 21.29(8.38)   | NO        | TRAY        | NO    | 40   | 1658462-1   |
| C            | G             | E | A            | B             | B            | POLYIMIDE     | PACKAGING | DIFF.       | NO OF | PART |             |

[illegible]

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