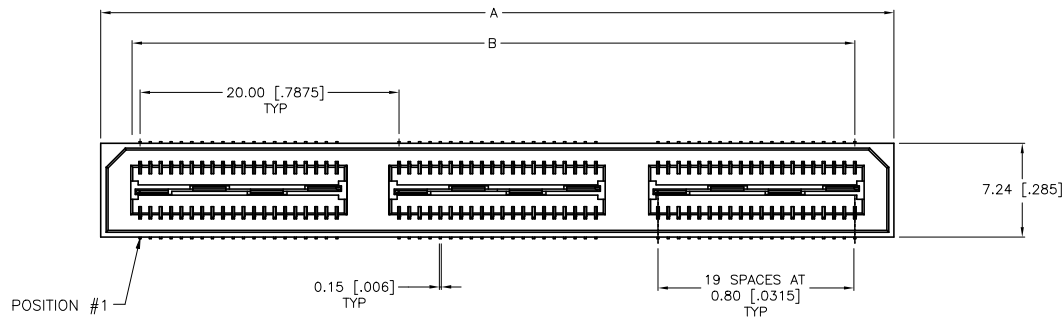
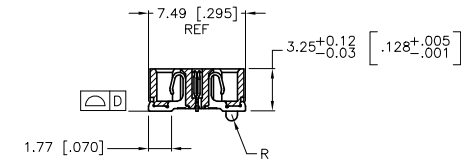
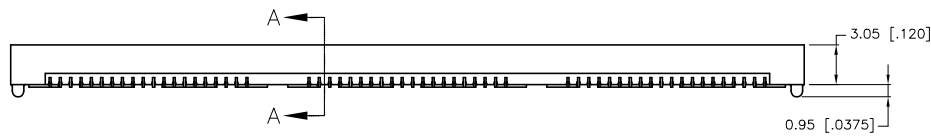


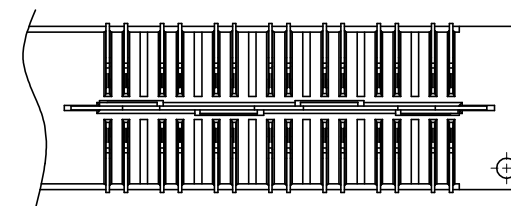
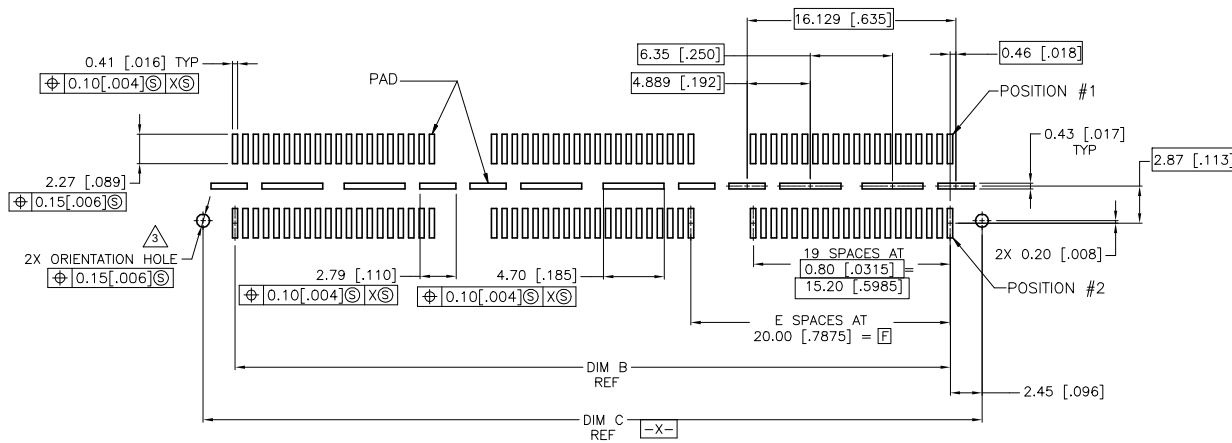
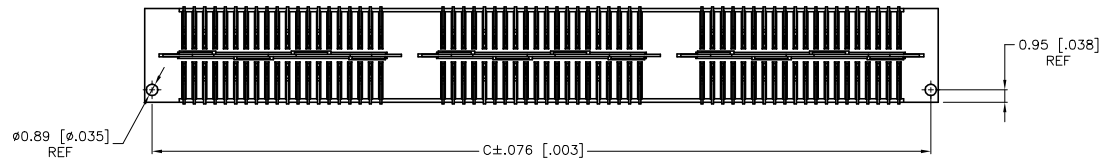
| REVISIONS |           |                           |    |       |
|-----------|-----------|---------------------------|----|-------|
| REV       | DATE      | DESCRIPTION               | BY | APP'D |
| L         | 29MAY2019 | REVISED PER ECR-19-008349 | AL | HL    |



- 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  $\phi 1.02$  [ $\phi 0.0400$ ].



SECTION A-A



DIFFERENTIAL PAIR LOADING  
 (BOTTOM VIEW)  
 SCALE 8:1

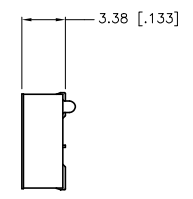
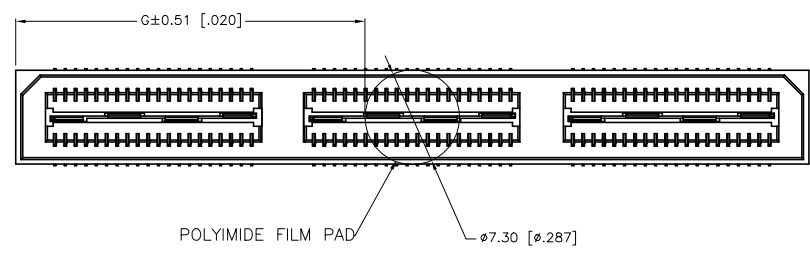
RECOMMENDED PC BOARD LAYOUT  
 VIEWED FROM CONNECTOR SIDE)

|  |  |               |        |           |         |                               |
|--|--|---------------|--------|-----------|---------|-------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DATE: 27MAY03 | REV: 3 | BY: CARBO | 27MAY03 | TE Connectivity Ltd.          |
| DRAWING NO: 100779                     |  | DATE: 27MAY03 | REV: 1 | BY: DIXON | 27MAY03 | RECEPTACLE ASSEMBLY, VERTICAL |
| MATERIAL: 1                            |  | DATE: 27MAY03 | REV: 2 | BY: DIXON | 27MAY03 | 0.80MM CL.                    |
| FINISH: 2                              |  | DATE: 27MAY03 | REV: 3 | BY: DIXON | 27MAY03 | SCALE: 4:1                    |
| MATERIAL: 1                            |  | DATE: 27MAY03 | REV: 4 | BY: DIXON | 27MAY03 | SHEET 1 of 2                  |
| FINISH: 2                              |  | DATE: 27MAY03 | REV: 5 | BY: DIXON | 27MAY03 | REV 1                         |

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| REVISIONS |    |                           |           |    |
|-----------|----|---------------------------|-----------|----|
| #         | LR | DESCRIPTION               | DATE      | BY |
| L         |    | REVISED PER ECR-19-008349 | 29MAY2019 | AL |

- 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  $\phi 1.02$  [ $\phi.0400$ ].
- ④ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



|              |              |   |              |               |              |               |     |                      |                |           |                |
|--------------|--------------|---|--------------|---------------|--------------|---------------|-----|----------------------|----------------|-----------|----------------|
| 26.99(1.063) | 40.00(1.575) | 2 | 0.152(.0060) | 60.13(2.368)  | 55.20(2.173) | 61.28(2.412)  | YES | POCKET TAPE          | YES            | 84        | 7-1658462-3    |
| 16.98(.669)  | 20.00(.7874) | 1 | 0.102(.0040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | YES | POCKET TAPE          | YES            | 56        | 7-1658462-2    |
| 6.99(.275)   | 0(.000)      | 0 | 0.102(.0040) | 20.13(.793)   | 15.20(.598)  | 21.29(.838)   | YES | POCKET TAPE          | YES            | 28        | 7-1658462-1    |
| 26.99(1.063) | 40.00(1.575) | 2 | 0.152(.0060) | 60.13(2.368)  | 55.20(2.173) | 61.28(2.412)  | YES | POCKET TAPE          | NO             | 120       | 6-1658462-3    |
| 16.98(.669)  | 20.00(.7874) | 1 | 0.102(.0040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | YES | POCKET TAPE          | NO             | 80        | 6-1658462-2    |
| 6.99(.275)   | 0(.000)      | 0 | 0.102(.0040) | 20.13(.793)   | 15.20(.598)  | 21.29(.838)   | YES | POCKET TAPE          | NO             | 40        | 6-1658462-1    |
| -            | 40.00(1.575) | 2 | 0.152(.0060) | 60.13(2.368)  | 55.20(2.173) | 61.28(2.412)  | NO  | POCKET TAPE          | YES            | 84        | 5-1658462-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | NO  | POCKET TAPE          | YES            | 56        | 5-1658462-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 20.13(.793)   | 15.20(.598)  | 21.29(.838)   | NO  | POCKET TAPE          | YES            | 28        | 5-1658462-1    |
| -            | 40.00(1.575) | 2 | 0.152(.0060) | 60.13(2.368)  | 55.20(2.173) | 61.28(2.412)  | NO  | POCKET TAPE          | NO             | 120       | 4-1658462-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | NO  | POCKET TAPE          | NO             | 80        | 4-1658462-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 20.13(.793)   | 15.20(.598)  | 21.29(.838)   | NO  | POCKET TAPE          | NO             | 40        | 4-1658462-1    |
| 47.00(1.850) | 80.00(3.150) | 4 | 0.152(.0060) | 100.14(3.943) | 95.20(3.748) | 101.30(3.988) | YES | TRAY                 | YES            | 140       | 3-1658462-5    |
| 36.99(1.456) | 60.00(2.362) | 3 | 0.152(.0060) | 80.14(3.155)  | 75.20(2.961) | 81.28(3.200)  | YES | TRAY                 | YES            | 112       | 3-1658462-4    |
| 26.99(1.063) | 40.00(1.575) | 2 | 0.152(.0060) | 60.13(2.368)  | 55.20(2.173) | 61.28(2.412)  | YES | TRAY                 | YES            | 84        | 3-1658462-3    |
| 16.98(.669)  | 20.00(.7874) | 1 | 0.102(.0040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | YES | TRAY                 | YES            | 56        | 3-1658462-2    |
| 6.99(.275)   | 0(.000)      | 0 | 0.102(.0040) | 20.13(.793)   | 15.20(.598)  | 21.29(.838)   | YES | TRAY                 | YES            | 28        | 3-1658462-1    |
| 47.00(1.850) | 80.00(3.150) | 4 | 0.152(.0060) | 100.14(3.943) | 95.20(3.748) | 101.30(3.988) | YES | TRAY                 | NO             | 200       | 2-1658462-5    |
| 36.99(1.456) | 60.00(2.362) | 3 | 0.152(.0060) | 80.14(3.155)  | 75.20(2.961) | 81.28(3.200)  | YES | TRAY                 | NO             | 160       | 2-1658462-4    |
| 26.99(1.063) | 40.00(1.575) | 2 | 0.152(.0060) | 60.13(2.368)  | 55.20(2.173) | 61.28(2.412)  | YES | TRAY                 | NO             | 120       | 2-1658462-3    |
| 16.98(.669)  | 20.00(.7874) | 1 | 0.102(.0040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | YES | TRAY                 | NO             | 80        | 2-1658462-2    |
| 6.99(.275)   | 0(.000)      | 0 | 0.102(.0040) | 20.13(.793)   | 15.20(.598)  | 21.29(.838)   | YES | TRAY                 | NO             | 40        | 2-1658462-1    |
| -            | 80.00(3.150) | 4 | 0.152(.0060) | 100.14(3.943) | 95.20(3.748) | 101.30(3.988) | NO  | TRAY                 | YES            | 140       | 1-1658462-5    |
| -            | 60.00(2.362) | 3 | 0.152(.0060) | 80.14(3.155)  | 75.20(2.961) | 81.28(3.200)  | NO  | TRAY                 | YES            | 112       | 1-1658462-4    |
| -            | 40.00(1.575) | 2 | 0.152(.0060) | 60.13(2.368)  | 55.20(2.173) | 61.28(2.412)  | NO  | TRAY                 | YES            | 84        | 1-1658462-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | NO  | TRAY                 | YES            | 56        | 1-1658462-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 20.13(.793)   | 15.20(.598)  | 21.29(.838)   | NO  | TRAY                 | YES            | 28        | 1-1658462-1    |
| -            | 80.00(3.150) | 4 | 0.152(.0060) | 100.14(3.943) | 95.20(3.748) | 101.30(3.988) | NO  | TRAY                 | NO             | 200       | 1658462-5      |
| -            | 60.00(2.362) | 3 | 0.152(.0060) | 80.14(3.155)  | 75.20(2.961) | 81.28(3.200)  | NO  | TRAY                 | NO             | 160       | 1658462-4      |
| -            | 40.00(1.575) | 2 | 0.152(.0060) | 60.13(2.368)  | 55.20(2.173) | 61.28(2.412)  | NO  | TRAY                 | NO             | 120       | 1658462-3      |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 40.13(1.580)  | 35.20(1.386) | 41.28(1.625)  | NO  | TRAY                 | NO             | 80        | 1658462-2      |
| -            | 0(.000)      | 0 | 0.102(.0040) | 20.13(.793)   | 15.20(.598)  | 21.29(.838)   | NO  | TRAY                 | NO             | 40        | 1658462-1      |
| G            | F            | E | D            | C             | B            | A             |     | POLYIMIDE FILM Pad A | PACKAGING TYPE | DIFF PAIR | NO OF PART POS |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DRG: CARBO 27MAY03  
 OR: DIXON 27MAY03

APPROVED: [Signature]

DATE: 27MAY03

RECEIPTABLE ASSEMBLY, VERTICAL  
 0.80MM CL,  
 MICROTOR SB

RESTRICTED TO

SCALE: 4:1

SHEET 1 OF 2

REV 1

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