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| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | B | REDRAWN PER ECO-10-012356 | 15DEC2010 | CJV | EJB |
| | C | ECO-15-006497 | 18APR2016 | LL | SH |

1. HOUSINGS; POLYESTER, NATURAL
SIGNAL AND SIGNAL GROUND CONTACTS: COPPER ALLOY
UTILITY CONTACTS: PHOSPHOR BRONZE

2. UTILITY CONTACTS: 1.27um MIN GOLD IN CONTACT AREA,
1.27um MIN TIN ON PCB TAILS, OVER 1.27um MIN NICKEL OVER ALL.
SIGNAL AND SIGNAL GROUND CONTACTS: 0.76um MIN GOLD IN CONTACT AREA,
2.54um MIN TIN ON PCB TAILS, OVER 1.27um MIN NICKEL OVER ALL.

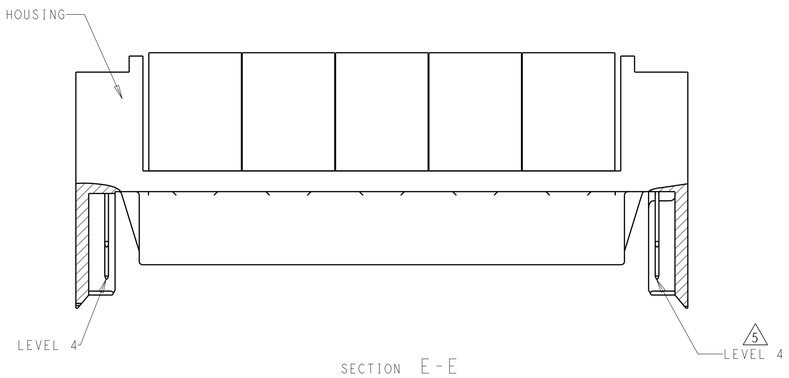
3. ROWS A, C, D, AND F ARE SIGNAL CONTACTS. ROWS B AND E ARE SIGNAL GROUND CONTACTS.

4. DIMENSIONS PER CUSTOMER BOARD LAYOUT.

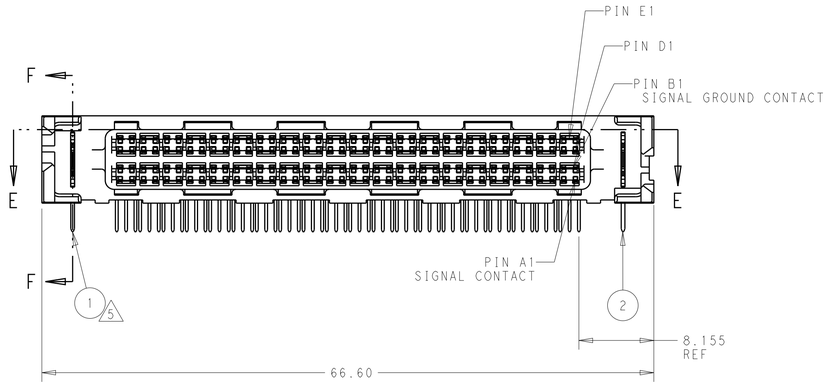
5. SEE UTILITY CONTACT SEQUENCE TABLE FOR LOCATION AND LEVEL/LENGTH OF UTILITY CONTACTS FOR EACH PRODUCT PART NUMBER. UTILITY LEVEL 1 CAN BE USED FOR SENSING. UTILITY LEVELS 2, 3, AND 4 CAN BE USED FOR POWER, GROUND, OR ESD. SEQUENCING SHOWN IN SECTION E-E SHOWS THREE LEVELS FOR COMPARISON. UTILITY LEVEL 2 EQUALS THE SIGNAL GROUND CONTACT LEVEL. SIGNAL LEVEL IS BETWEEN UTILITY LEVELS 1 AND 2.

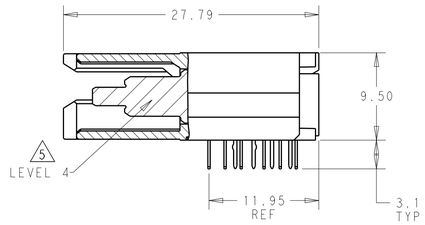
6. BLOCK DIAGRAM AND CONTACT IDENTIFICATION APPLY TO COPLANAR NON-INVERTED APPLICATION ONLY. CONTACT IDENTIFICATION REVERSES FOR INVERTED APPLICATIONS, I.E COPLANAR OR MID-BOARD INVERTED.

7. OBSOLETE PART.

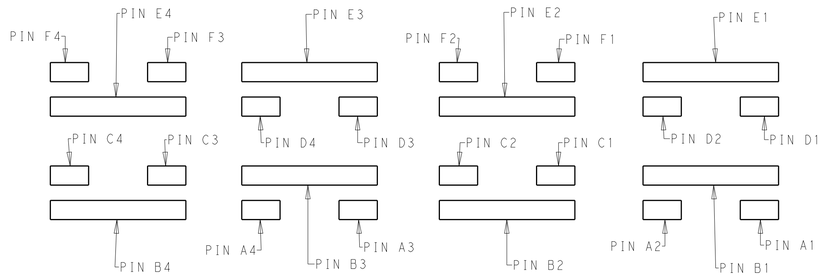



SECTION E-E

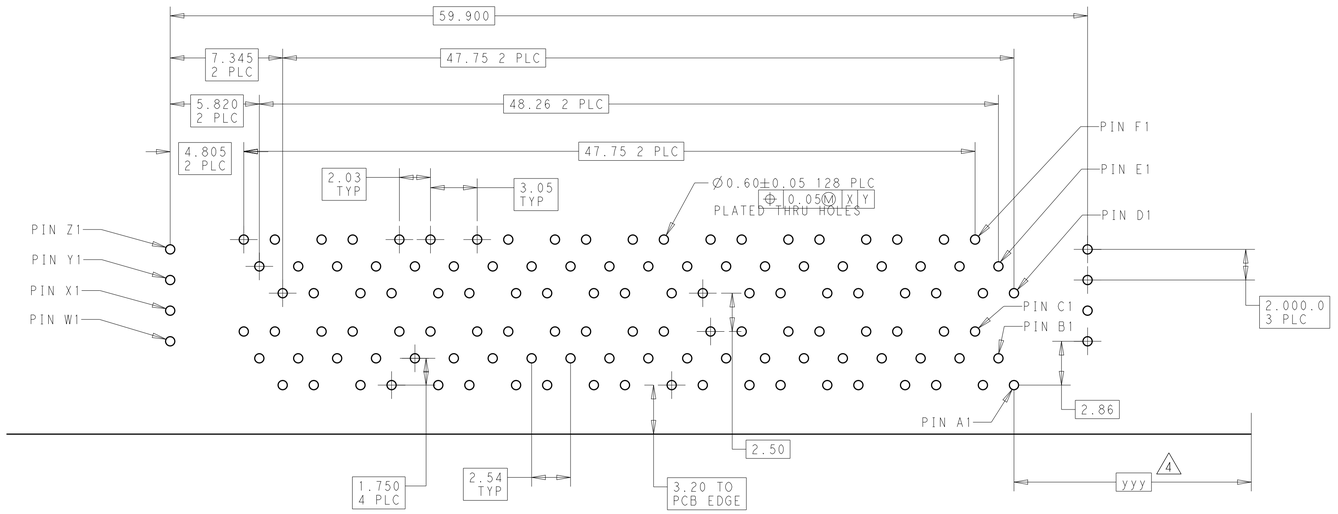



SECTION F-F




BLOCK DIAGRAM
MATING FACE CONFIGURATION




RECOMMENDED PC BOARD FOOTPRINT
COMPONENT SIDE SHOWN
SCALE 5:1

5 UTILITY CONTACT SEQUENCE TABLE
UTILITY CONTACT LEVEL 1, 2, 3, OR 4

| 7 | | | |
|---|---|---|---|
| | 3 | 2 | 6367595-2 |
| | 4 | 4 | 6367595-1 |
| | 1 | 2 | PART NUMBER |
| | UTILITY CONTACT LOCATION | | |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.25
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL 1
FINISH 2

DWN C. VALENTINE 15DEC2010
CHK E. BRIANT 15DEC2010
APVD E. BRIANT 15DEC2010
PRODUCT SPEC 108-1985
APPLICATION SPEC 114-13068
WEIGHT -

TE Connectivity

NAME Z-DOK+ ADAPTER BOARD CONNECTOR ASSEMBLY, 40 SIGNAL DIFF. PAIR, 1 UTILITY CONTACT PER SIDE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6367595 | - |

CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 1 | REV C

4805 (3/13)