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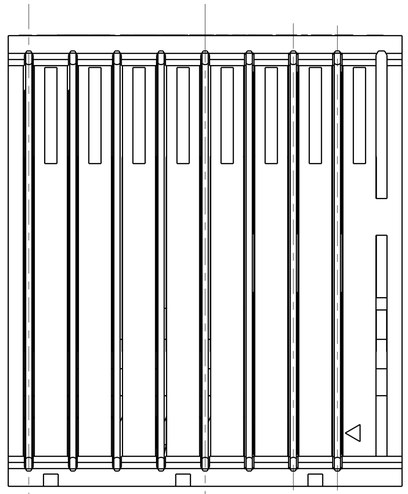
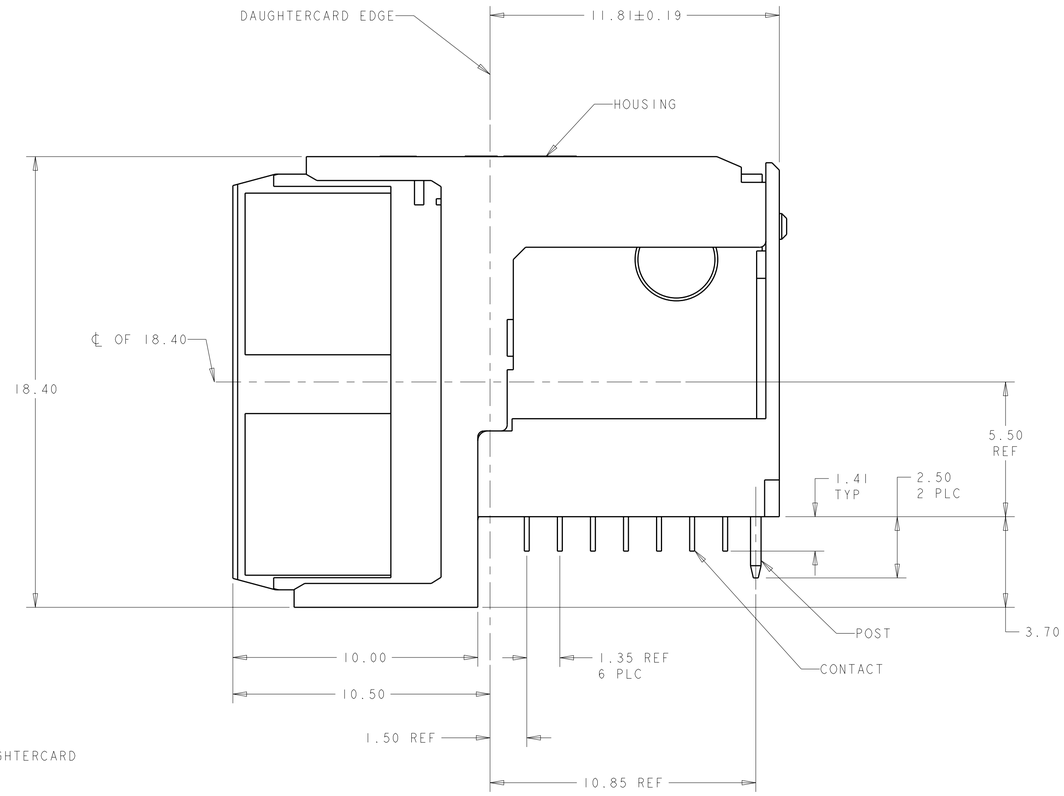
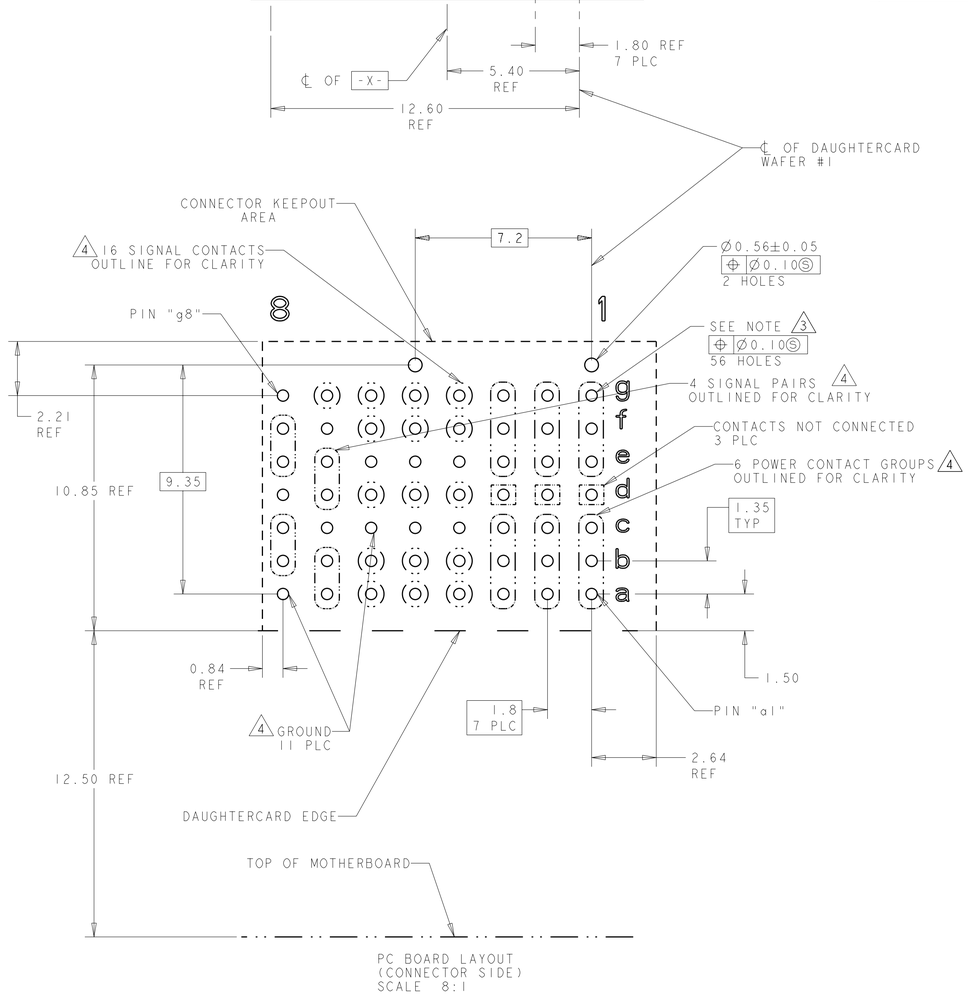
| LOC | DIST |
|---|---|
| GP | 00 |

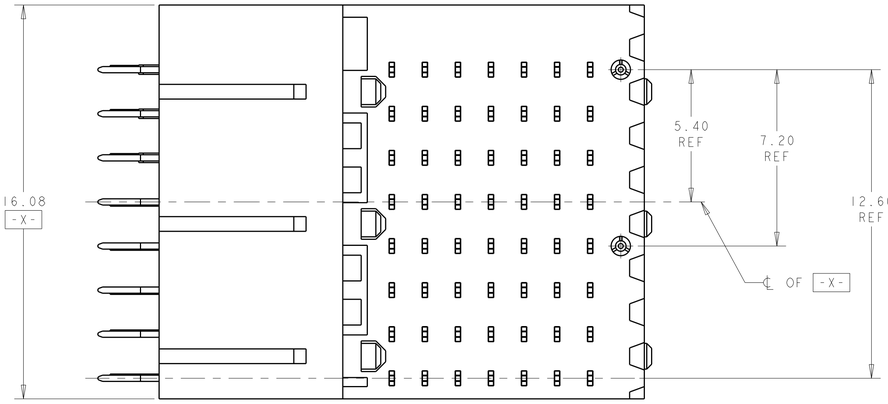
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A1 | REVISED PER ECO-11-004835 | 13APR2011 | RK | HMR |






1. HOUSING: LCP, UL94V0, COLOR: BLACK.
   CONTACT: PHOSPHOR BRONZE.
   POST: BRASS WIRE
2. CONTACT: 0.76µm MIN GOLD IN PAD CONTACT AREA, 1.27µm MIN TIN-LEAD ON PCB TAIL OVER 1.27µm MIN. NICKEL OVER ALL.
   POST: 1.27µm MIN NICKEL PLATED.
3. MANUFACTURING TOLERANCE FOR Ø0.46± 0.05
   DIAMETER FINISHED HOLE WITH SnPB PLATING:

   DRILLED HOLE = Ø0.55±0.02
   COPPER PLATING = 0.025-0.050
   Sn PB PLATING = 0.0038-0.0124
   OR MANUFACTURING TOLERANCE FOR Ø0.475± 0.05
   DIAMETER FINISHED HOLE WITHOUT SnPB PLATING:

   DRILLED HOLE = Ø0.55±0.02
   COPPER PLATING = 0.025-0.050
4. SEE TABLE 1 FOR INTERCONNECTIONS TO BACKPLANE CONNECTOR.
5. CONTACT: 0.76µm MIN GOLD IN PAD CONTACT AREA, 1.27µm MIN TIN ON PCB TAIL OVER 1.27µm MIN. NICKEL OVER ALL.
   POST: 1.27µm MIN NICKEL PLATED.
6. CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA, 1.27µm MIN TIN-LEAD ON PCB TAIL OVER 1.27µm MIN. NICKEL OVER ALL.
   POST: 1.27µm MIN NICKEL PLATED.

## TABLE 1
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410186

| TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 8 | | |
|---|---|---|
| CONTACT USAGE | DAUGHTERCARD CONNECTOR PIN | BACKPLANE CONNECTOR PIN |
| SIGNAL PAIR | bx | cx |
| | cx | dx |
| SIGNAL PAIR | ex | gx |
| | fx | hx |
| GROUNDS | ax, dx, gx, (ALL COMMONED) | ax, bx, ex, fx, ix |

| TYPICAL INTERCONNECTIONS FOR COLUMN (WAFER): 7 | | |
|---|---|---|
| CONTACT USAGE | DAUGHTERCARD CONNECTOR PIN | BACKPLANE CONNECTOR PIN |
| SIGNAL PAIR | ax | ax |
| | bx | bx |
| SIGNAL PAIR | dx | ex |
| | ex | fx |
| SIGNAL | gx | ix |
| GROUNDS | cx, fx (ALL COMMONED) | cx, dx, gx, hx |

| TYPICAL INTERCONNECTIONS FOR EACH COLUMN (WAFER): 4,5,6 | | |
|---|---|---|
| CONTACT USAGE | DAUGHTERCARD CONNECTOR PIN | BACKPLANE CONNECTOR PIN |
| SIGNAL | ax | bx |
| SIGNAL | bx | cx |
| SIGNAL | dx | ex |
| SIGNAL | fx | gx |
| SIGNAL | gx | hx |
| GROUNDS | cx, ex, (ALL COMMONED) | ax, dx, fx, ix |

| TYPICAL INTERCONNECTIONS FOR EACH COLUMN (WAFER): 1,2,3 | | |
|---|---|---|
| CONTACT USAGE | DAUGHTERCARD CONNECTOR PIN | BACKPLANE CONNECTOR PIN |
| POWER | ax, bx, cx | ax, bx, cx, dx |
| POWER | ex, fx, gx | fx, gx, hx, ix |
| NOT CONNECTED | dx | ex |

NOTE: "x" DESIGNATES THE COLUMN NUMBER

| | |
|---|---|
| 6 | 1410189-3 |
| 5 | 1410189-2 |
| 2 | 1410189-1 |
| PLATING | PART NO |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±1°0'

MATERIAL 1

FINISH SEE TABLE

| | | |
|---|---|---|
| DWN | L.SIPE | 13FEB2004 |
| CHK | J.CONSOLI | 13FEB2004 |
| APVD | G.GRIFFITH | 14MAR2006 |
| PRODUCT SPEC | 108-2072 | |
| APPLICATION SPEC | 114-13056 | |
| WEIGHT | - | |

TE Connectivity

NAME: RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW HALF LEFT END, 20.3mm, MultiGig RT2, DAUGHTERCARD CONNECTOR, VITA 46

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-1410189 | - |

CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 1 | REV A1

4805 (3/11)

Pro/ENGINEER DRAWING