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

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | B | REV PER ECO-08-024585 | 02OCT2008 | BC | RP |

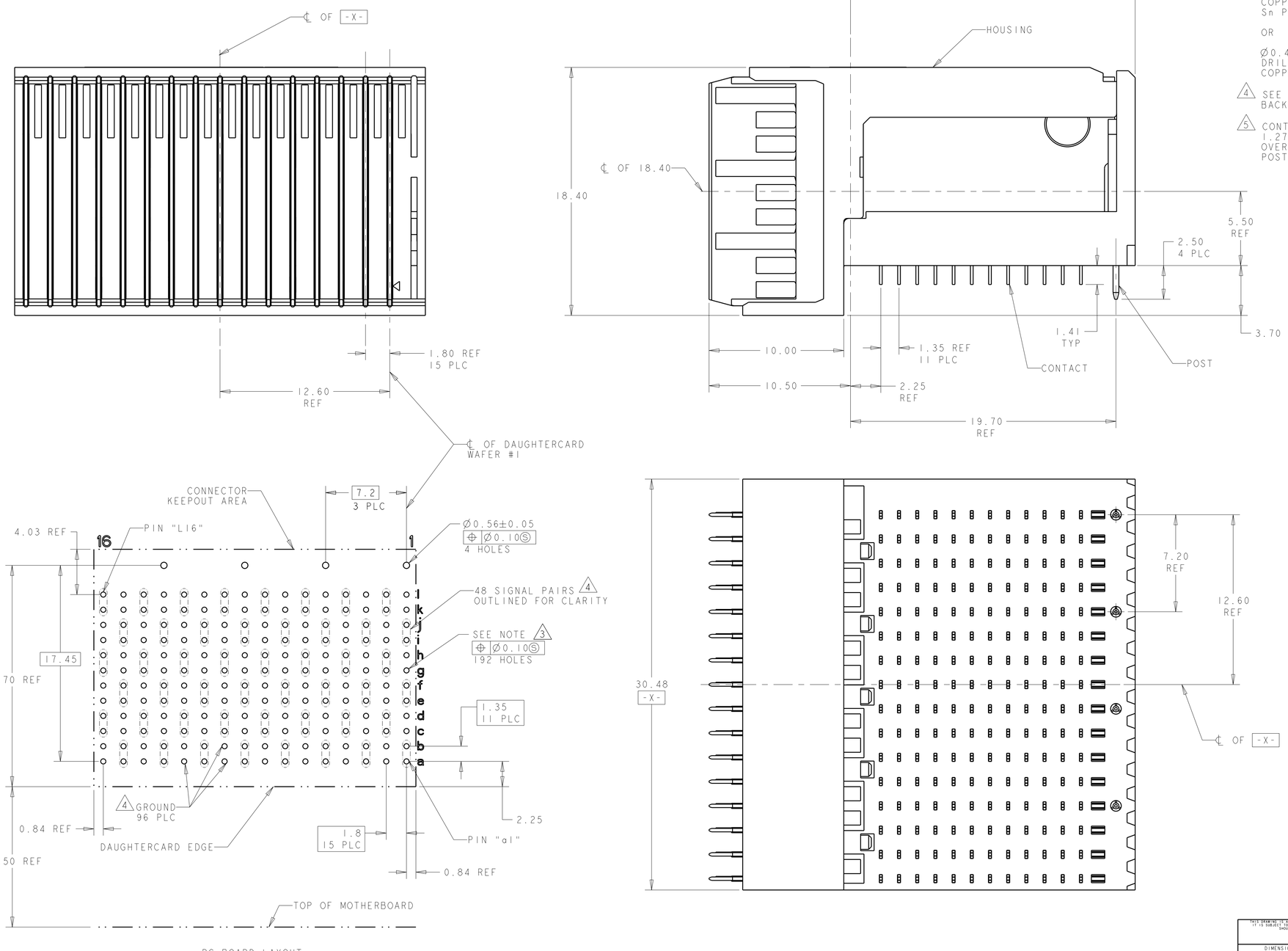
1. HOUSING: LCP, UL94V0, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE.
POST: BRASS WIRE
2. CONTACT: 0.76µm MIN GOLD IN CONTACT AREA.
1.27µm MIN. TIN-LEAD ON PCB TAIL
OVER 1.27µm MIN. NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.
3. MANUFACTURING TOLERANCE FOR Ø0.46± 0.05
FINISHED HOLE WITH Sn Pb PLATING:

DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050
Sn PB PLATING = 0.0038-0.0124

OR

Ø0.475± 0.05 FINISHED HOLE WITHOUT Sn Pb PLATING:
DRILLED HOLE = Ø0.55±0.02
COPPER PLATING = 0.025-0.050

4. SEE TABLE I FOR INTERCONNECTIONS TO
BACKPLANE CONNECTOR.
5. CONTACT: 0.76µm MIN GOLD IN CONTACT AREA.
1.27µm MIN. TIN ON PCB TAIL
OVER 1.27µm MIN. NICKEL OVER ALL.
POST 1.27µm MIN NICKEL PLATED.




PC BOARD LAYOUT
(CONNECTOR SIDE)
SCALE 5:1

TABLE I
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 1410141

| TYPICAL INTERCONNECTIONS FOR EACH EVEN-NUMBERED COLUMN (WAFER): 2,4,6,8,10,12,14,16 | | |
|---|---|---|
| CONTACT USAGE | DAUGHTERCARD CONNECTOR PIN | BACKPLANE CONNECTOR PIN |
| SIGNAL PAIR | cx | bx |
| | dx | cx |
| SIGNAL PAIR | gx | ex |
| | hx | fx |
| SIGNAL PAIR | kx | hx |
| | lx | ix |
| GROUNDS | ax, bx, ex, fx, ix, jx (ALL COMMONED) | ax, dx, gx |

| TYPICAL INTERCONNECTIONS FOR EACH ODD-NUMBERED COLUMN (WAFER): 1,3,5,7,9,11,13,15 | | |
|---|---|---|
| CONTACT USAGE | DAUGHTERCARD CONNECTOR PIN | BACKPLANE CONNECTOR PIN |
| SIGNAL PAIR | ax | ax |
| | bx | bx |
| SIGNAL PAIR | ex | dx |
| | fx | ex |
| SIGNAL PAIR | ix | gx |
| | jx | hx |
| GROUNDS | cx, dx, gx, hx, kx, lx (ALL COMMONED) | cx, fx, ix |

NOTE: "x" DESIGNATES THE COLUMN NUMBER

| | |
|---|---|
| 5 / 2 | 1410138-2 / 1410138-1 |
| PLATING | PART NO |

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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 R TREA 14NOV2002
CHK J CONSOLI 18NOV2002
APVD S GRIFFITH 14MAR2006
PRODUCT SPEC 108-2072
APPLICATION SPEC 114-13056
WEIGHT -

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME RIGHT-ANGLE PLUG ASSEMBLY
LEFT END, 20.3mm, MultiGig RT2,
DAUGHTERCARD CONNECTOR, DIFFERENTIAL

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1410138 | RESTRICTED TO -
SCALE 5:1 | SHEET 1 OF 1 | REV B
CUSTOMER DRAWING