

| LOC | DIST | REVISIONS |     |                           |           |     |
|-----|------|-----------|-----|---------------------------|-----------|-----|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN |
| GP  | 00   |           |     |                           |           |     |
|     |      |           | B1  | REVISED PER ECO-12-011792 | 20JUL2012 | KH  |
|     |      |           |     |                           |           |     |
|     |      |           |     |                           |           |     |
|     |      |           |     |                           |           |     |

- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE.  
POST: BRASS WIRE
- 2 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.
- 3 PLATE THROUGH HOLE PER 114-13056,  
FIGURE 4.
- 4 SEE TABLE 1 FOR INTERCONNECTIONS TO  
BACKPLANE CONNECTOR.
- 5 CONTACT: 1.27µm 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.

TABLE 1  
INTERCONNECTIONS WITH BACKPLANE CONNECTOR  
1410140-1, 1410966-1, 1410967-1

| TYPICAL INTERCONNECTIONS FOR<br>EACH ODD-NUMBERED<br>COLUMN (WAFER): 1,3,5,7 |                                  |                               |
|------------------------------------------------------------------------------|----------------------------------|-------------------------------|
| CONTACT<br>USAGE                                                             | DAUGHTERCARD<br>CONNECTOR<br>PIN | BACKPLANE<br>CONNECTOR<br>PIN |
| SIGNAL<br>PAIR                                                               | ax                               | ax                            |
|                                                                              | bx                               | bx                            |
| SIGNAL<br>PAIR                                                               | dx                               | ex                            |
|                                                                              | ex                               | fx                            |
| SIGNAL                                                                       | gx                               | ix                            |
| GROUND                                                                       | cx,fx<br>(ALL COMMONED)          | cx,dx,gx,hx                   |

| TYPICAL INTERCONNECTIONS FOR<br>EACH EVEN-NUMBERED<br>COLUMN (WAFER): 2,4,6,8 |                                  |                               |
|-------------------------------------------------------------------------------|----------------------------------|-------------------------------|
| CONTACT<br>USAGE                                                              | DAUGHTERCARD<br>CONNECTOR<br>PIN | BACKPLANE<br>CONNECTOR<br>PIN |
| SIGNAL<br>PAIR                                                                | bx                               | cx                            |
|                                                                               | cx                               | dx                            |
| SIGNAL<br>PAIR                                                                | ex                               | gx                            |
|                                                                               | fx                               | hx                            |
| GROUND                                                                        | ax,dx,gx,<br>(ALL COMMONED)      | ax,bx,ex,<br>fx, ix           |

| TYPICAL INTERCONNECTIONS FOR<br>EACH COLUMN (WAFER): 9,10,11,12,13,14,15,16 |                                  |                               |
|-----------------------------------------------------------------------------|----------------------------------|-------------------------------|
| CONTACT<br>USAGE                                                            | DAUGHTERCARD<br>CONNECTOR<br>PIN | BACKPLANE<br>CONNECTOR<br>PIN |
| SIGNAL                                                                      | ax                               | bx                            |
| SIGNAL                                                                      | bx                               | cx                            |
| SIGNAL                                                                      | dx                               | ex                            |
| SIGNAL                                                                      | fx                               | gx                            |
| SIGNAL                                                                      | gx                               | hx                            |
| GROUND                                                                      | cx,ex,<br>(ALL COMMONED)         | ax, dx,<br>fx, ix             |

NOTE: "x" DESIGNATES THE COLUMN NUMBER

|         |           |
|---------|-----------|
| 5       | 1410970-4 |
| 2       | 1410970-3 |
| PLATING | PART NO   |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
R. TREA  
17FEB2006

CHK  
G. GRIFFITH  
17FEB2006

APVD  
17FEB2006

DIMENSIONS:

mm

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±0.5

2 PLC ±0.13

3 PLC ±.

4 PLC ±.

ANGLES ±1°

FINISH SEE TABLE

MATERIAL

PRODUCT SPEC

108-2072

APPLICATION SPEC

114-13056

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW,  
CENTER, 20.3mm, MultiGig RT2,  
DAUGHTERCARD CONNECTOR, DIFFERENTIAL-SE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

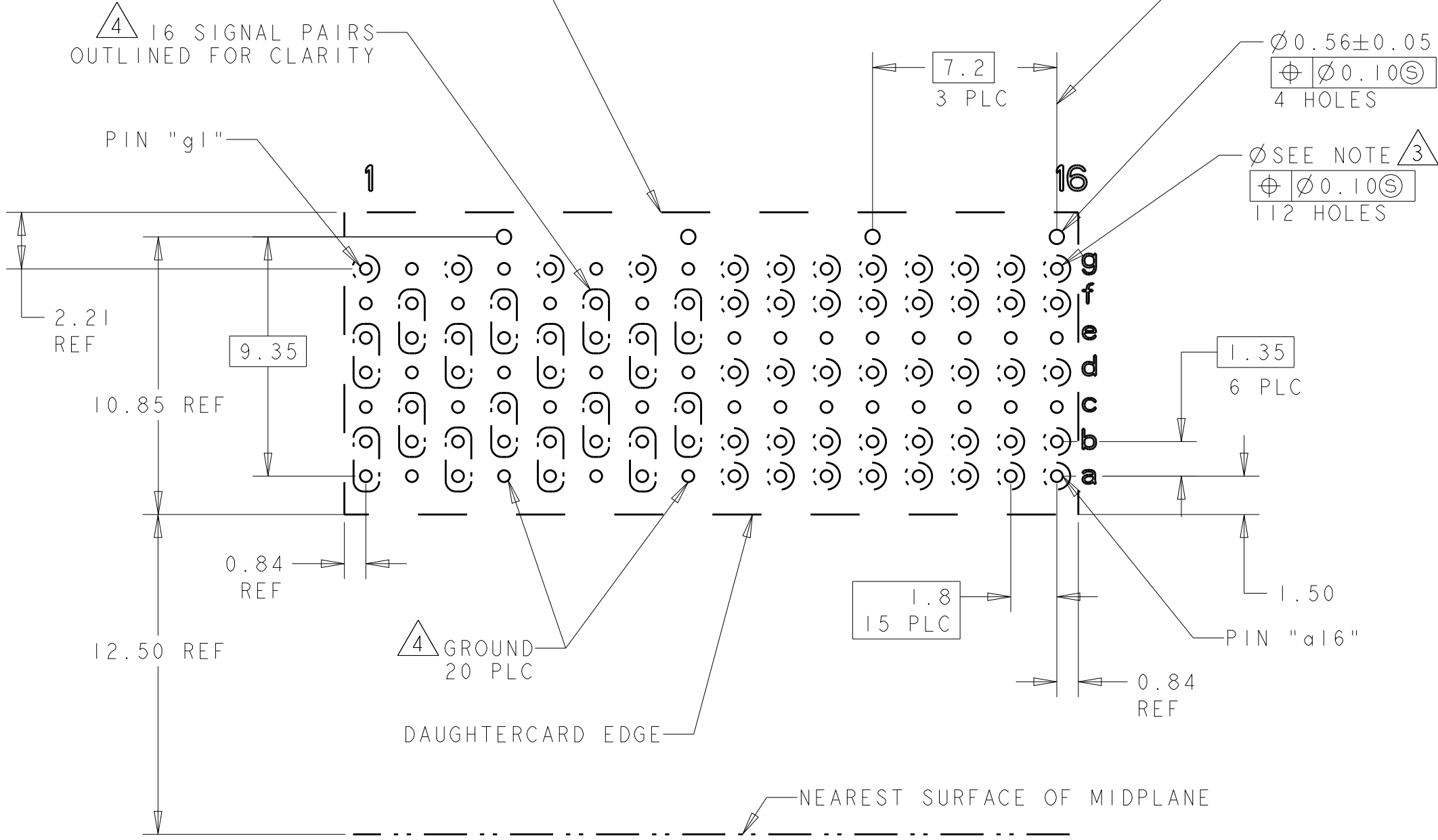
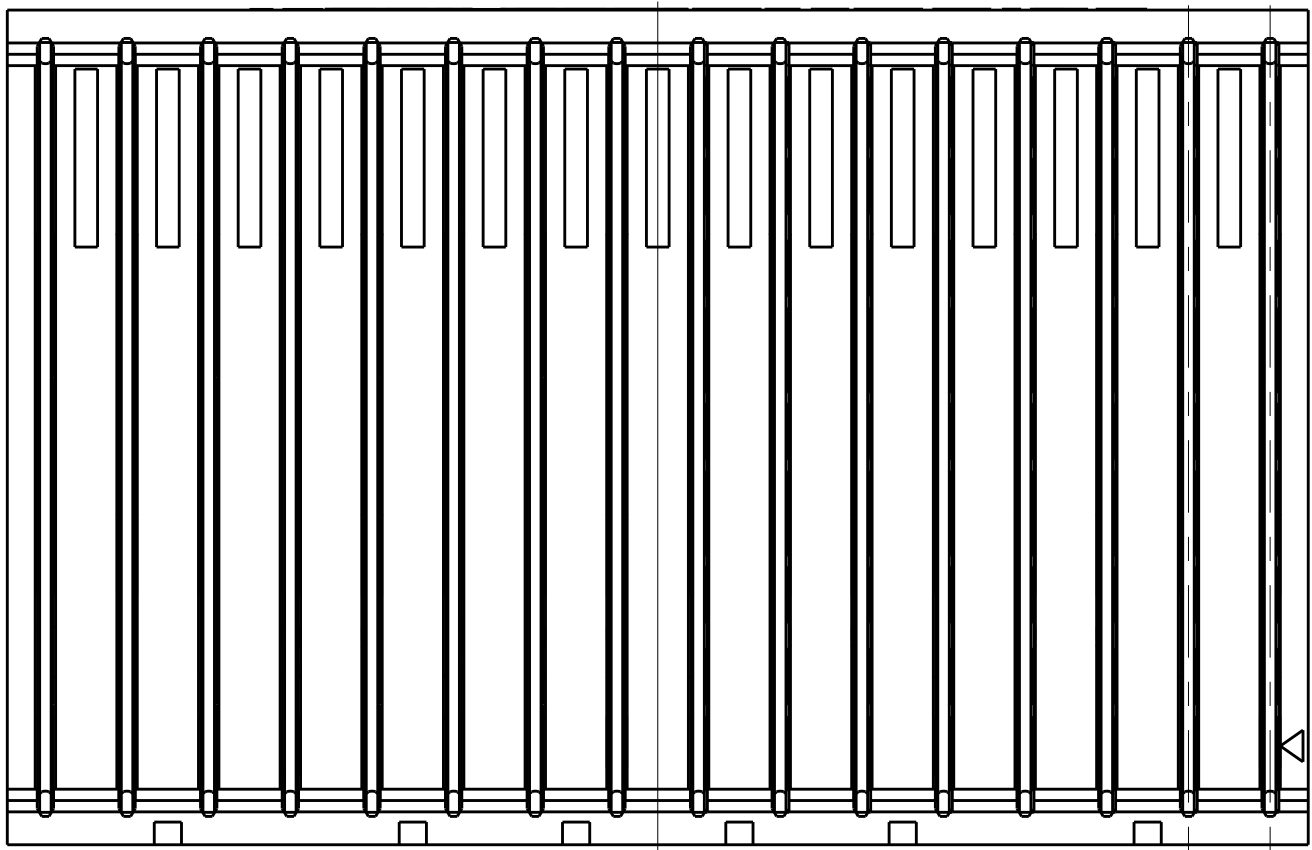
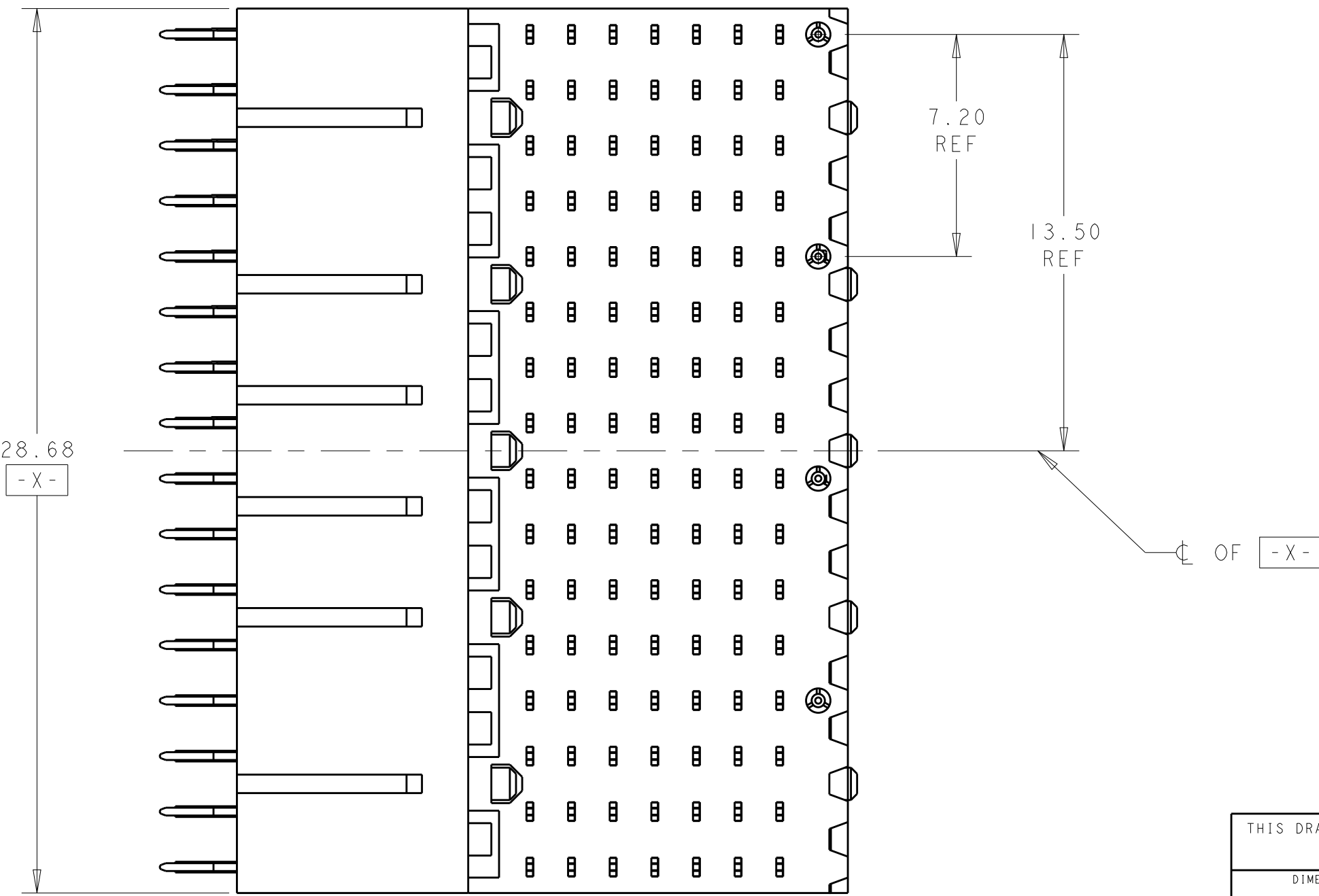
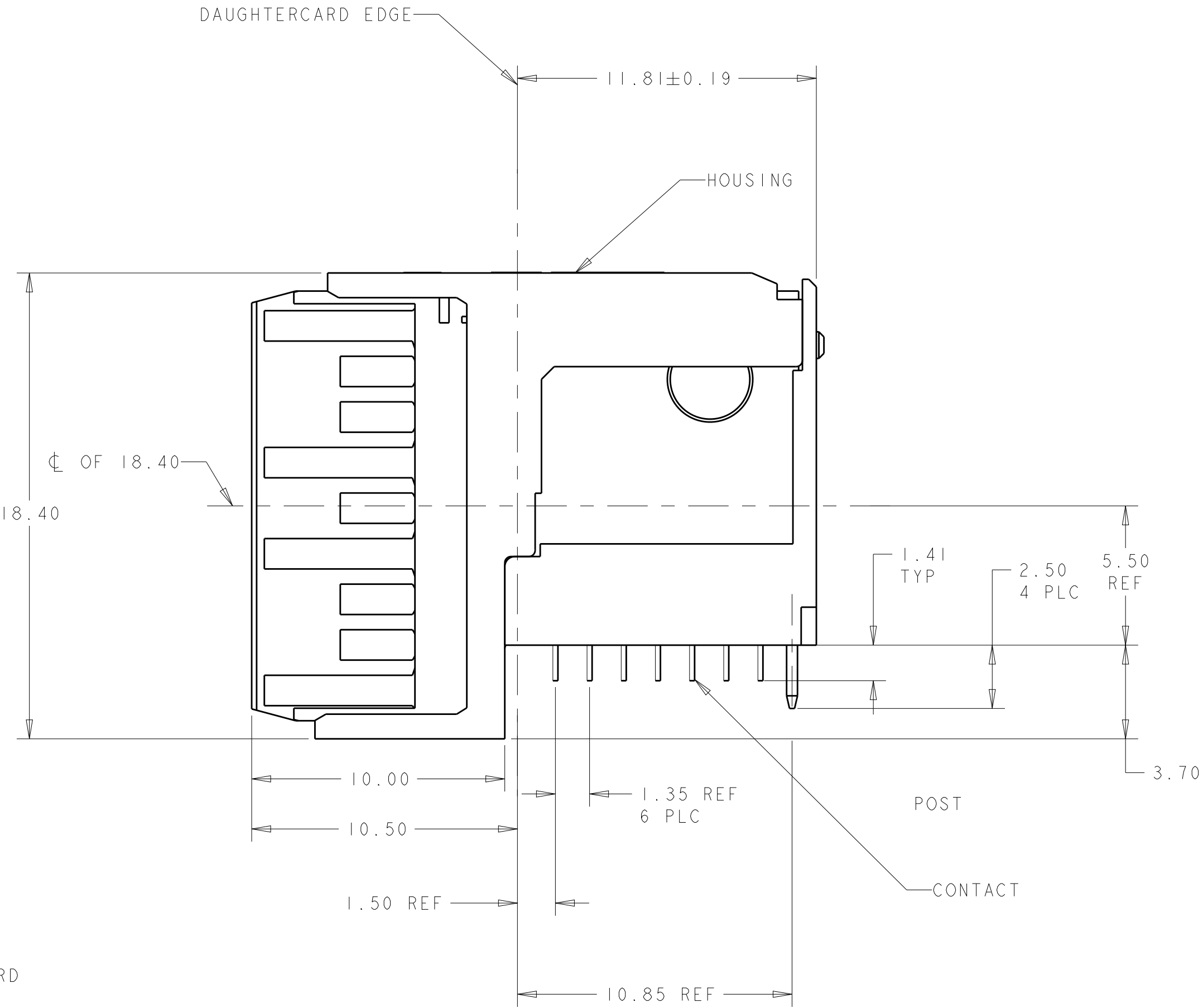
A100779

1410970

SCALE 6:1

SHEET 1 OF 1

REV B1



PC BOARD REAR TRANSITION MODULE  
(CONNECTOR SIDE)  
SCALE 5:1