

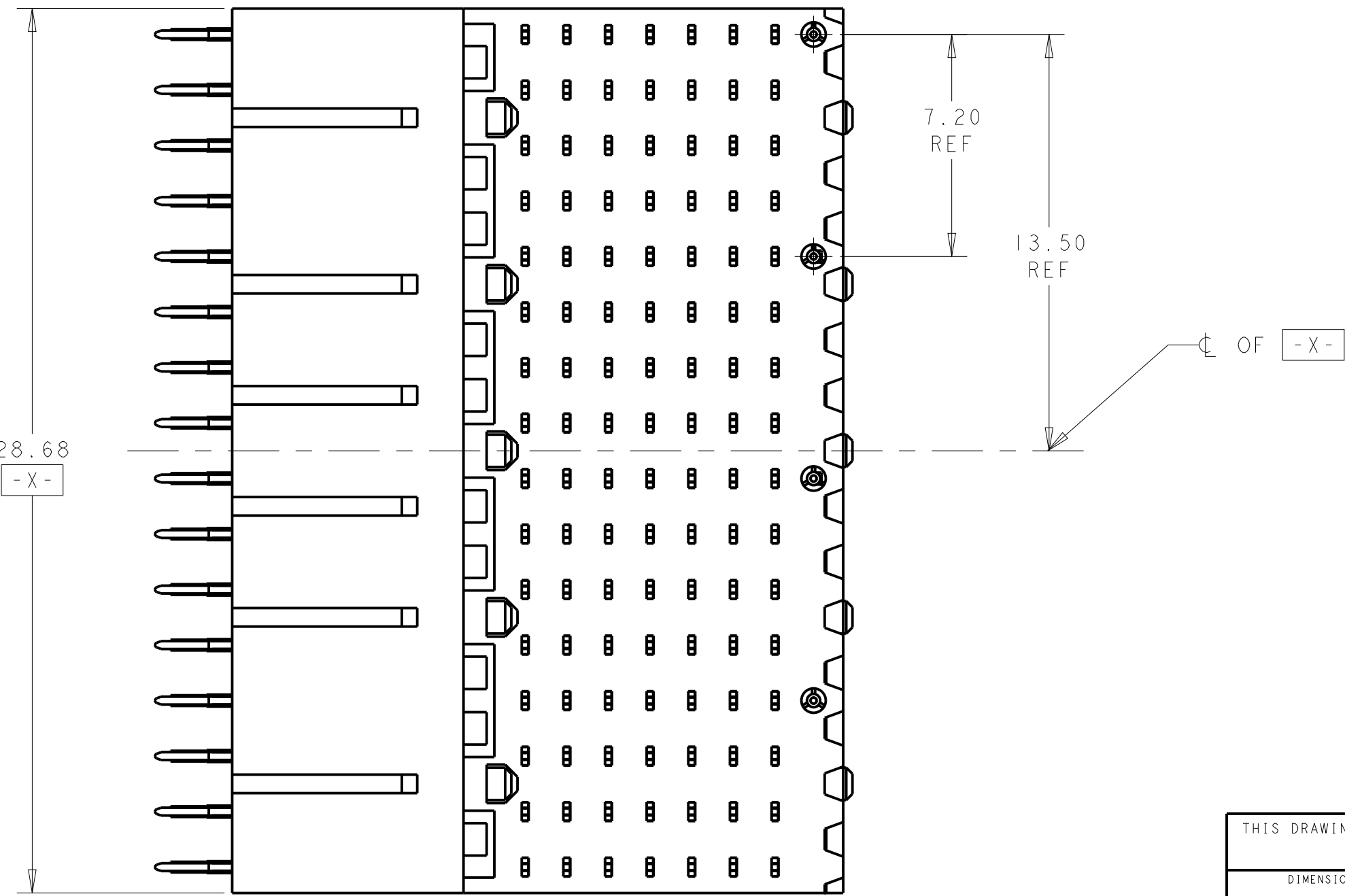
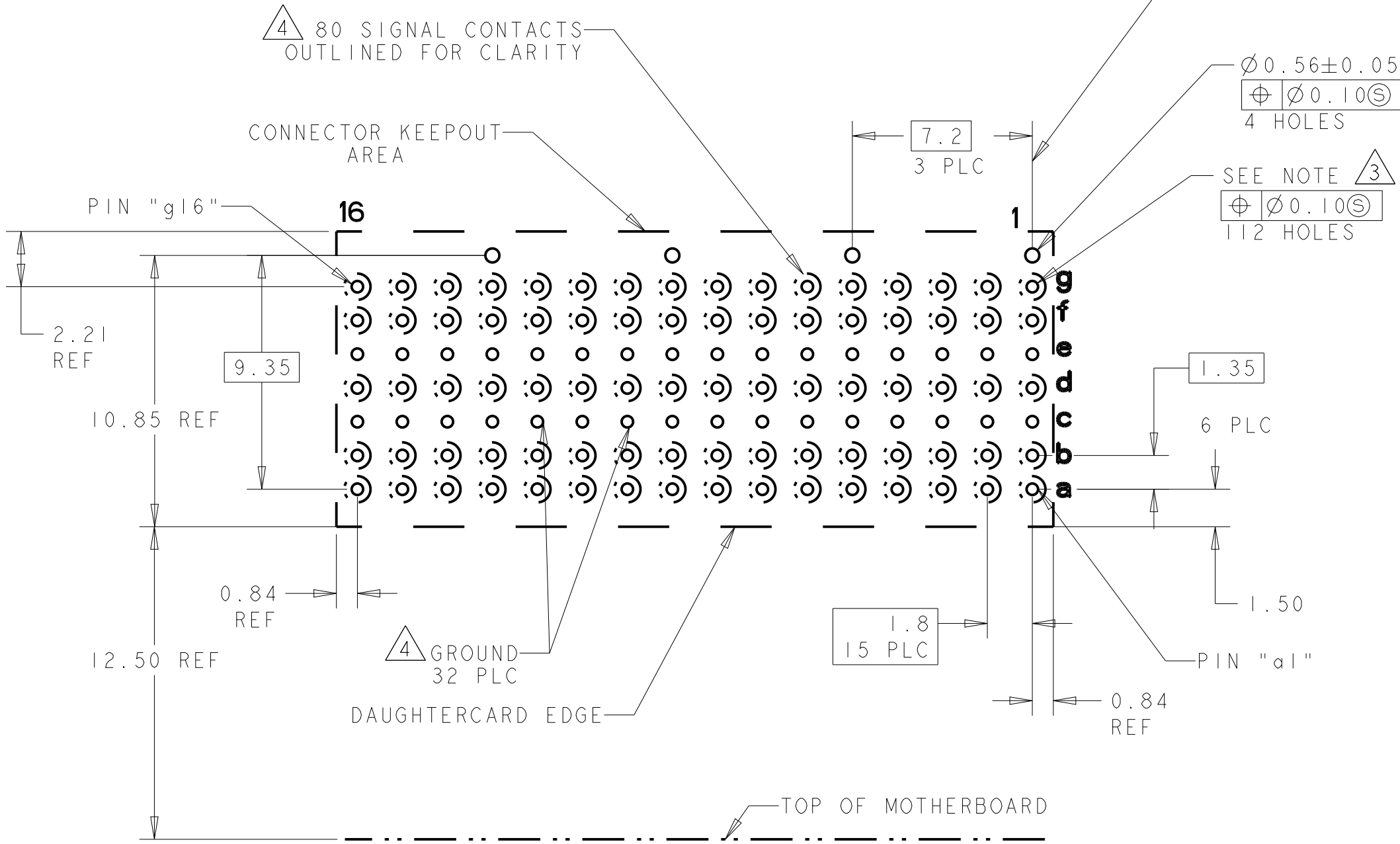
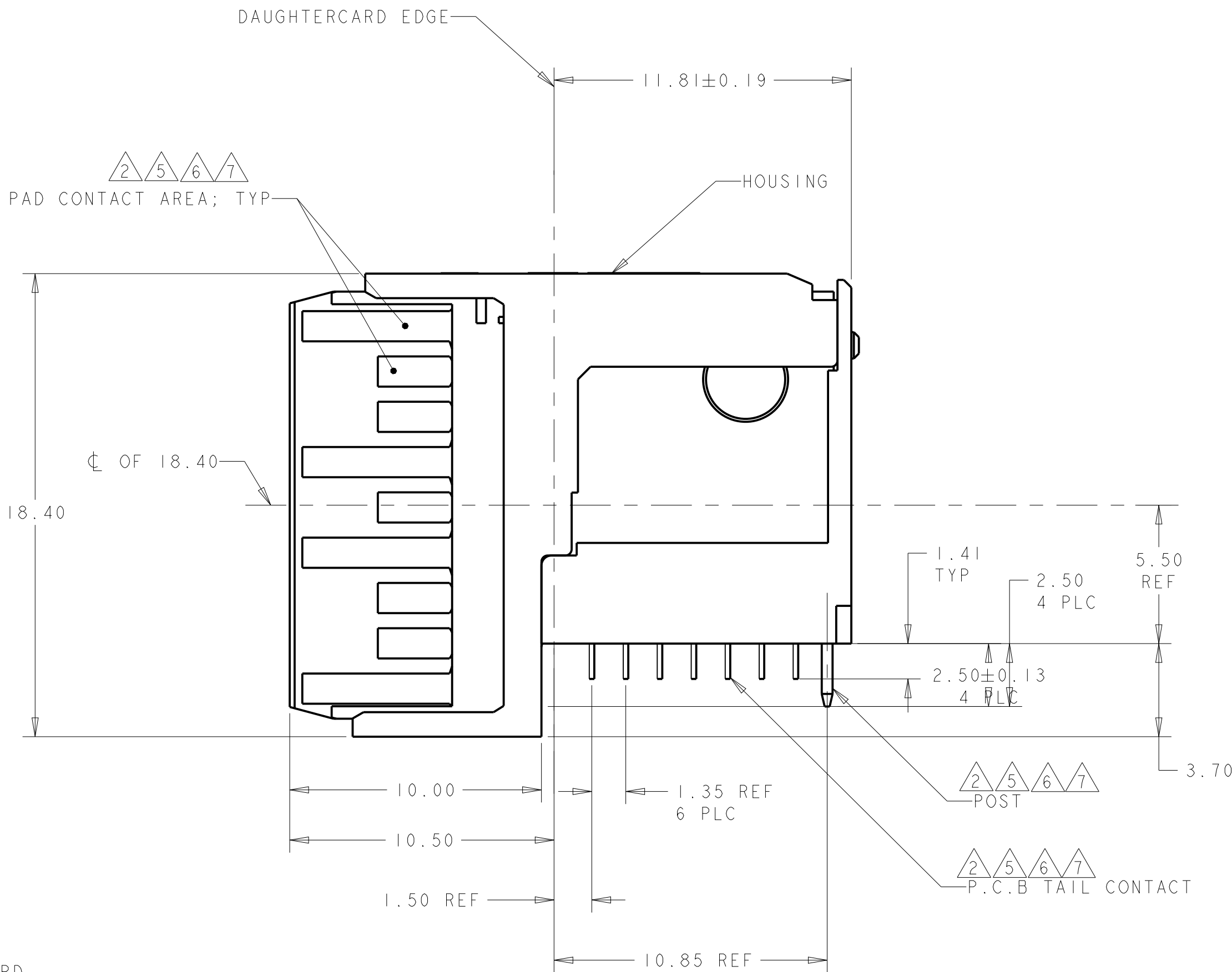
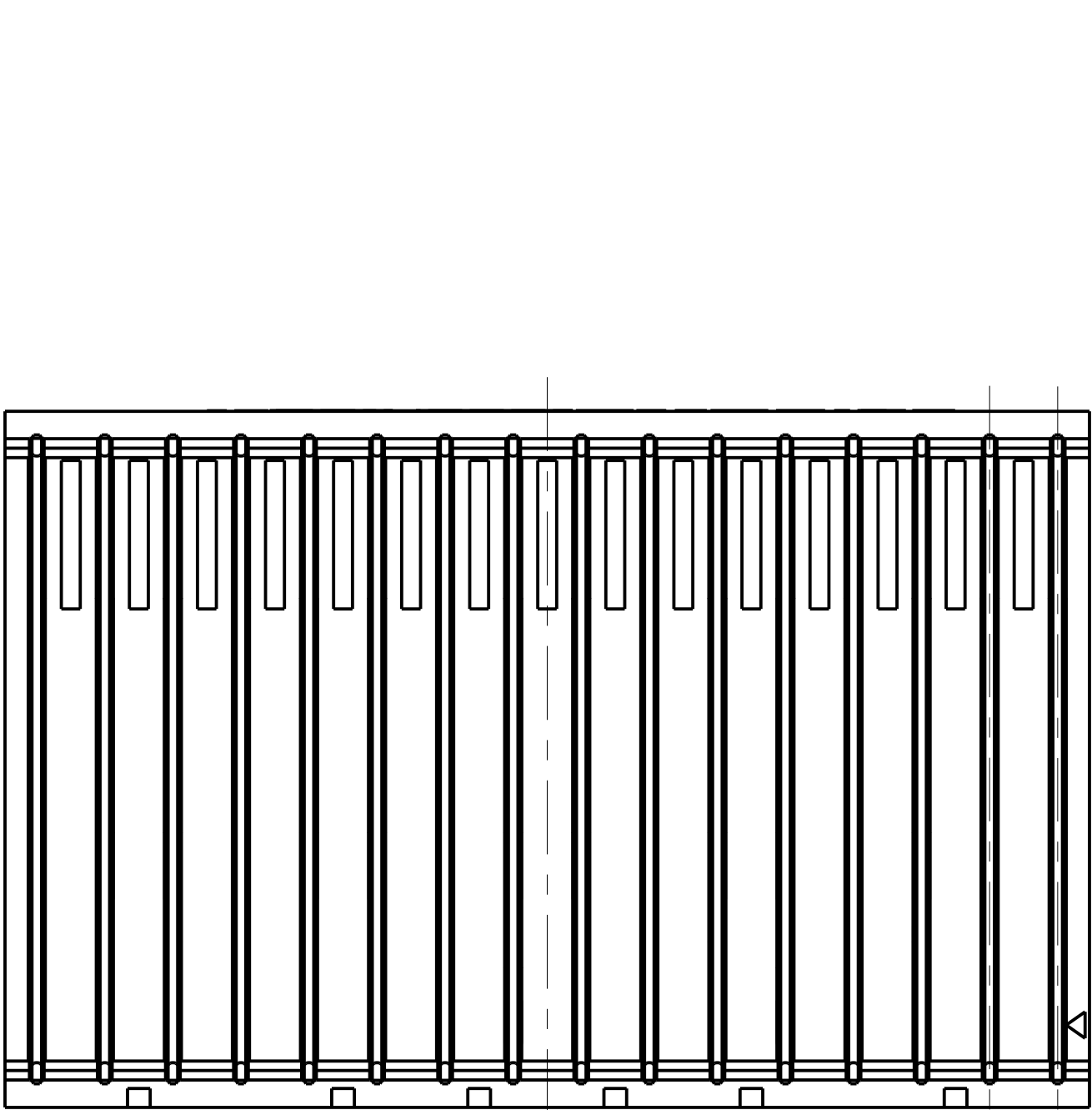
| LOC | DIST | REVISIONS |     |                       |         |     |
|-----|------|-----------|-----|-----------------------|---------|-----|
|     |      | P         | LTR | DESCRIPTION           | DATE    | DWN |
| GP  | 00   |           | C   | REV PER ECO 14-014392 | 9-22-14 | CT  |
|     |      |           |     |                       |         |     |
|     |      |           |     |                       |         |     |
|     |      |           |     |                       |         |     |

- 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 PLATE THROUGH HOLE PER 114-13056,  
FIGURE 4.
- 4 SEE TABLE 1 FOR INTERCONNECTIONS TO  
BACKPLANE CONNECTOR.
- 5 CONTACT: 0.76µm MIN GOLD IN PAD CONTACT AREA,  
CONTACT: 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.
- 7 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

| TYPICAL INTERCONNECTIONS FOR<br>EACH COLUMN (WAFER): 1-16 |                                  |                               |
|-----------------------------------------------------------|----------------------------------|-------------------------------|
| 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



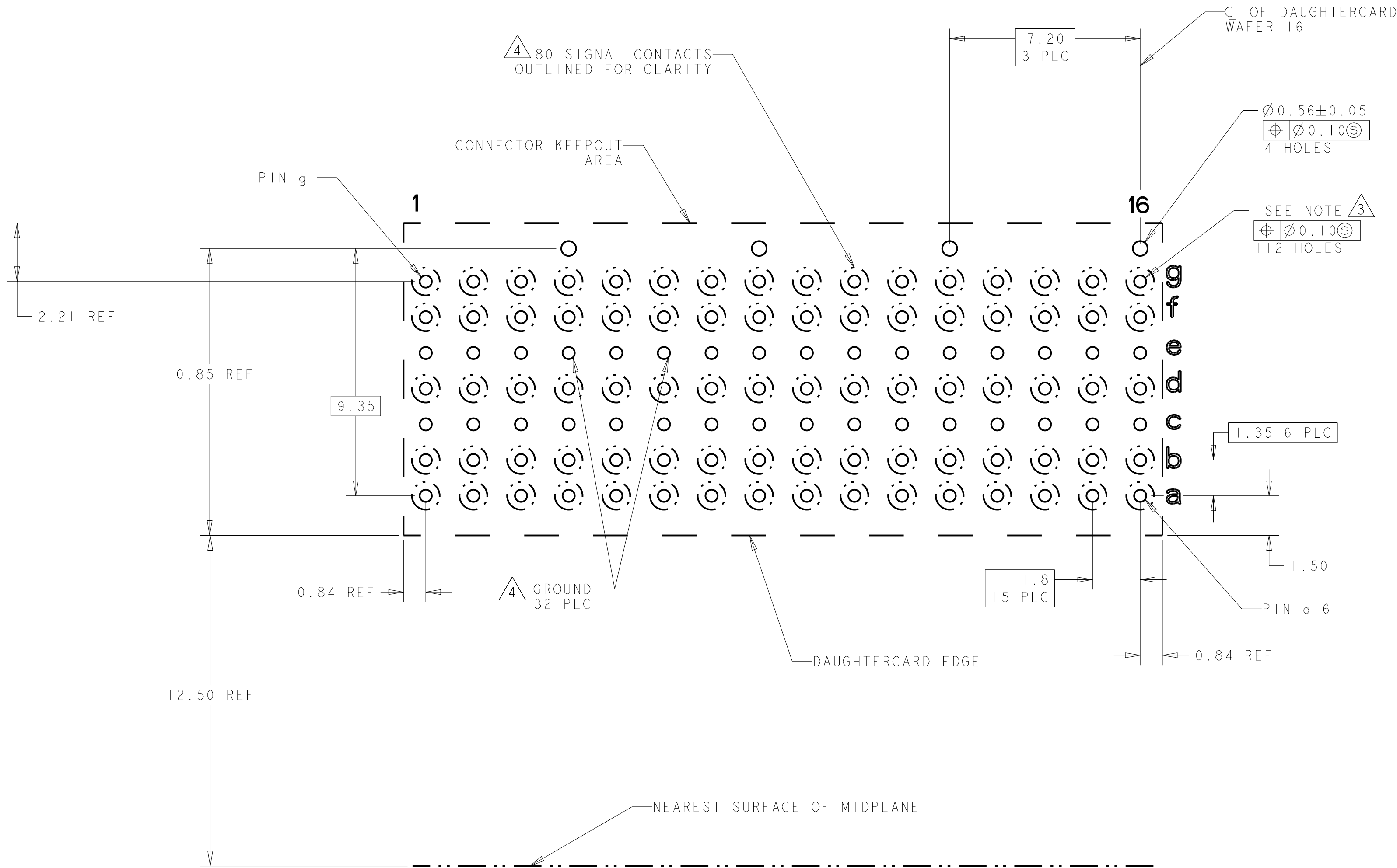
PC BOARD LAYOUT  
(CONNECTOR SIDE)  
SEE SHEET 2 FOR RTM  
SCALE 5:1

|   |           |
|---|-----------|
| 7 | 1410190-4 |
| 6 | 1410190-3 |
| 5 | 1410190-2 |
| 4 | 1410190-1 |
| 3 | PLATING   |
| 2 | PART NO   |

|                                                                                                            |                                                                                                                         |                                  |                                                                                                                    |  |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                     |                                                                                                                         | DWN<br>JL SIPE<br>01JUN2004      | TE Connectivity                                                                                                    |  |
| DIMENSIONS:<br>mm<br> | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.5<br>1 PLC ±0.13<br>2 PLC ±.5<br>3 PLC ±.5<br>4 PLC ±.5<br>ANGLES ±1° | CHK<br>J. CONSOLI<br>01JUN2004   | NAME<br>RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW,<br>CENTER, 20.3mm, SINGLE ENDED,<br>MultiGig RT2, DAUGHTERCARD CONNECTOR |  |
|                                                                                                            |                                                                                                                         | APVD<br>G. GRIFFITH<br>14MAR2006 | SIZE<br>A100779C=1410190                                                                                           |  |
|                                                                                                            |                                                                                                                         | RESTRICTED TO                    |                                                                                                                    |  |
|                                                                                                            |                                                                                                                         | MATERIAL<br>SEE TABLE            |                                                                                                                    |  |
|                                                                                                            |                                                                                                                         | CUSTOMER DRAWING                 |                                                                                                                    |  |
| SCALE 6:1 SHEET 1 OF 2 REV C                                                                               |                                                                                                                         |                                  |                                                                                                                    |  |

| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN |
| GP  | 00   | -         | -   | SEE SHEET 1 | -    | -   |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |

REAR TRANSITION MODULE APPLICATION



PC BOARD REAR TRANSITION MODULE  
SCALE 8:1

|                                        |                                           |                                  |                                                                                                                    |  |
|----------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                           | DWN<br>L. SIPE<br>01JUN2004      | TE Connectivity                                                                                                    |  |
| DIMENSIONS:                            |                                           | CHK<br>J. CONSOLI<br>01JUN2004   |                                                                                                                    |  |
| mm                                     | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | APVD<br>G. GRIFFITH<br>14MAR2006 | NAME<br>RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW,<br>CENTER, 20.3mm, SINGLE ENDED,<br>MultiGig RT2, DAUGHTERCARD CONNECTOR |  |
|                                        | 0 PLC ±                                   | PRODUCT SPEC                     | SIZE CAGE CODE DRAWING NO. RESTRICTED TO                                                                           |  |
|                                        | 1 PLC ±0.5                                | APPLICATION SPEC                 |                                                                                                                    |  |
| MATERIAL                               | 2 PLC ±0.13                               | 114-13056                        | A100779C=1410190                                                                                                   |  |
|                                        | 3 PLC ±                                   | WEIGHT                           | CUSTOMER DRAWING                                                                                                   |  |
|                                        | 4 PLC ±                                   | FINISH                           | SCALE 6:1 SHEET 2 OF 2 REV C                                                                                       |  |
|                                        | ANGLES ±1°                                |                                  |                                                                                                                    |  |