

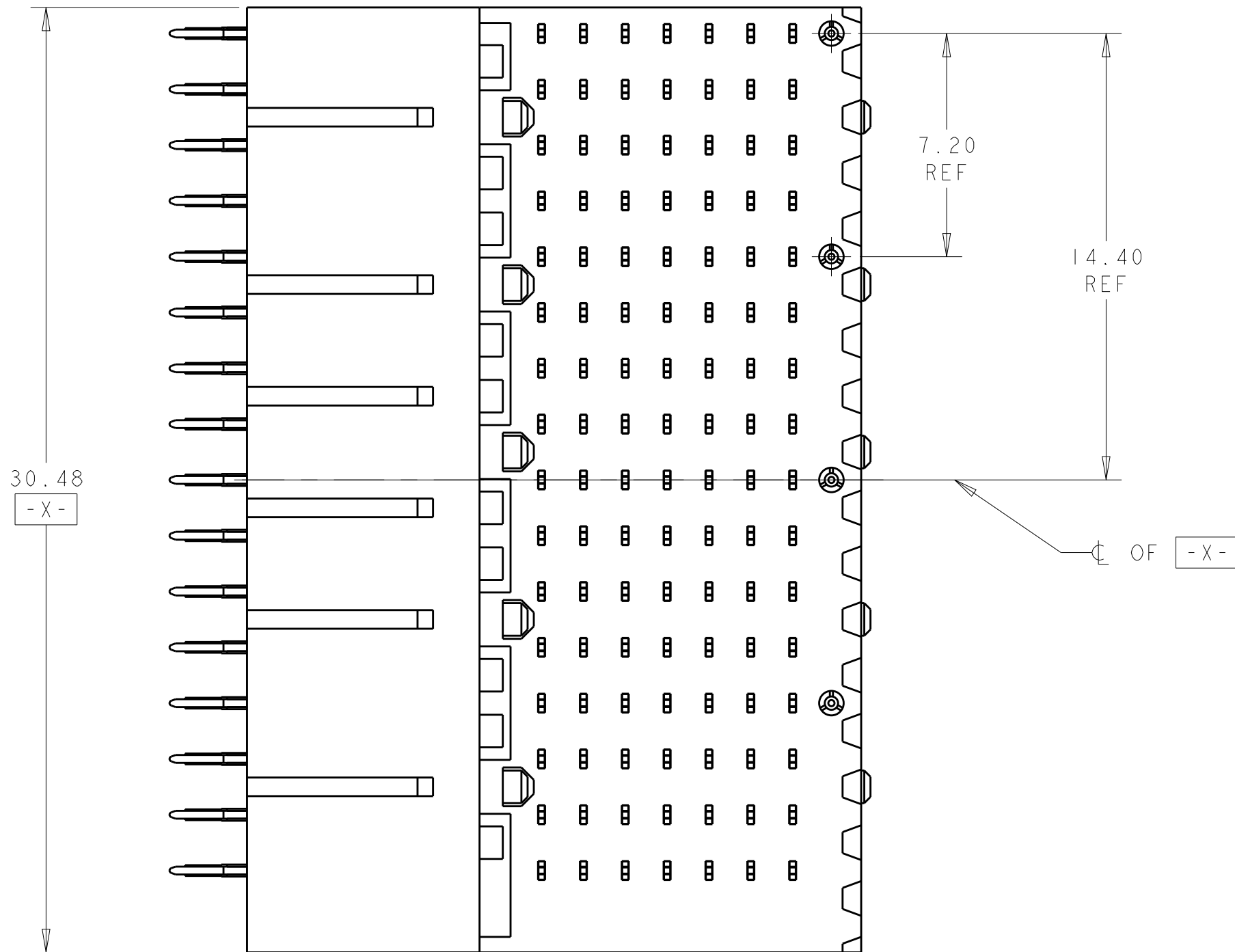
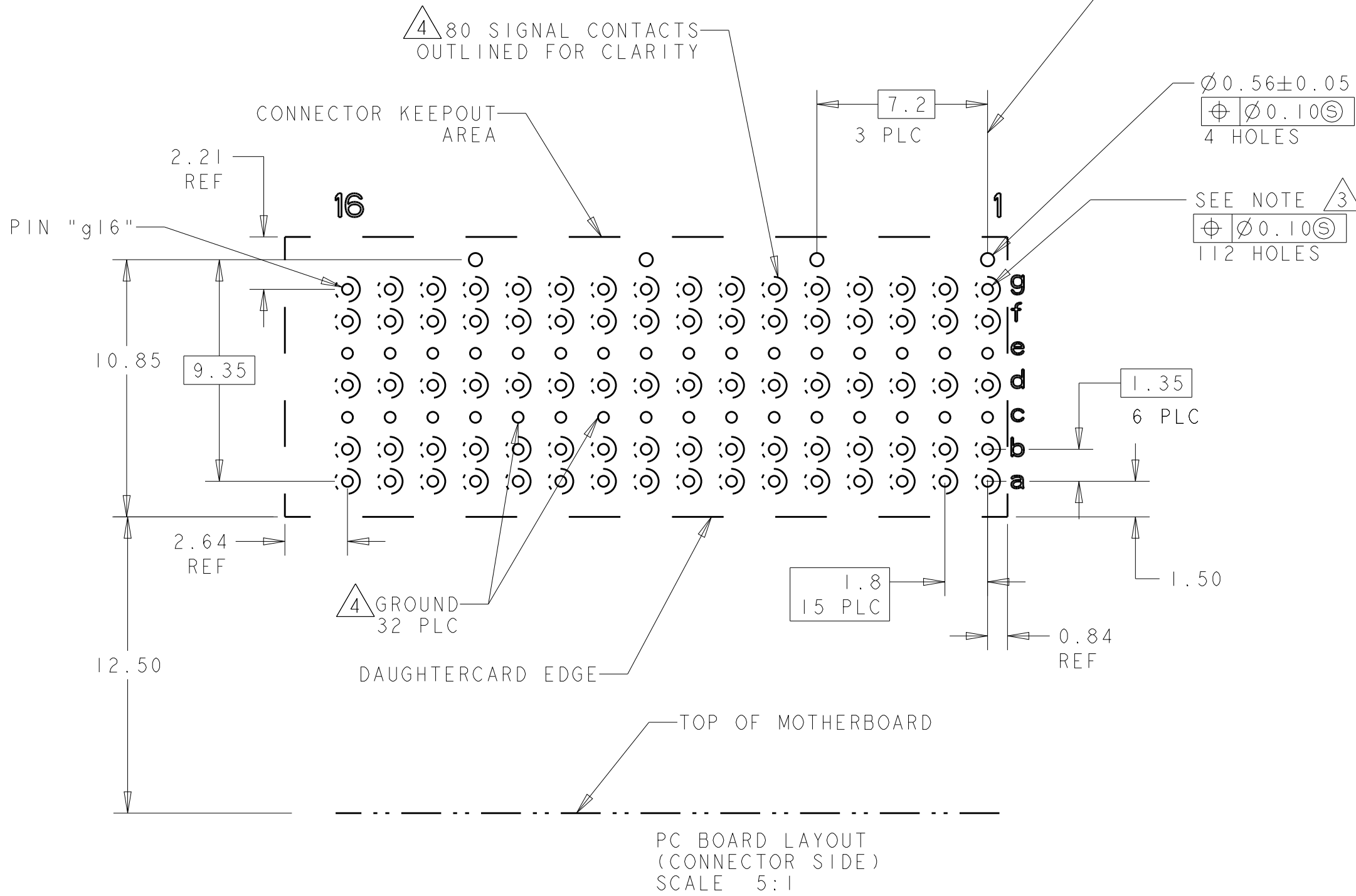
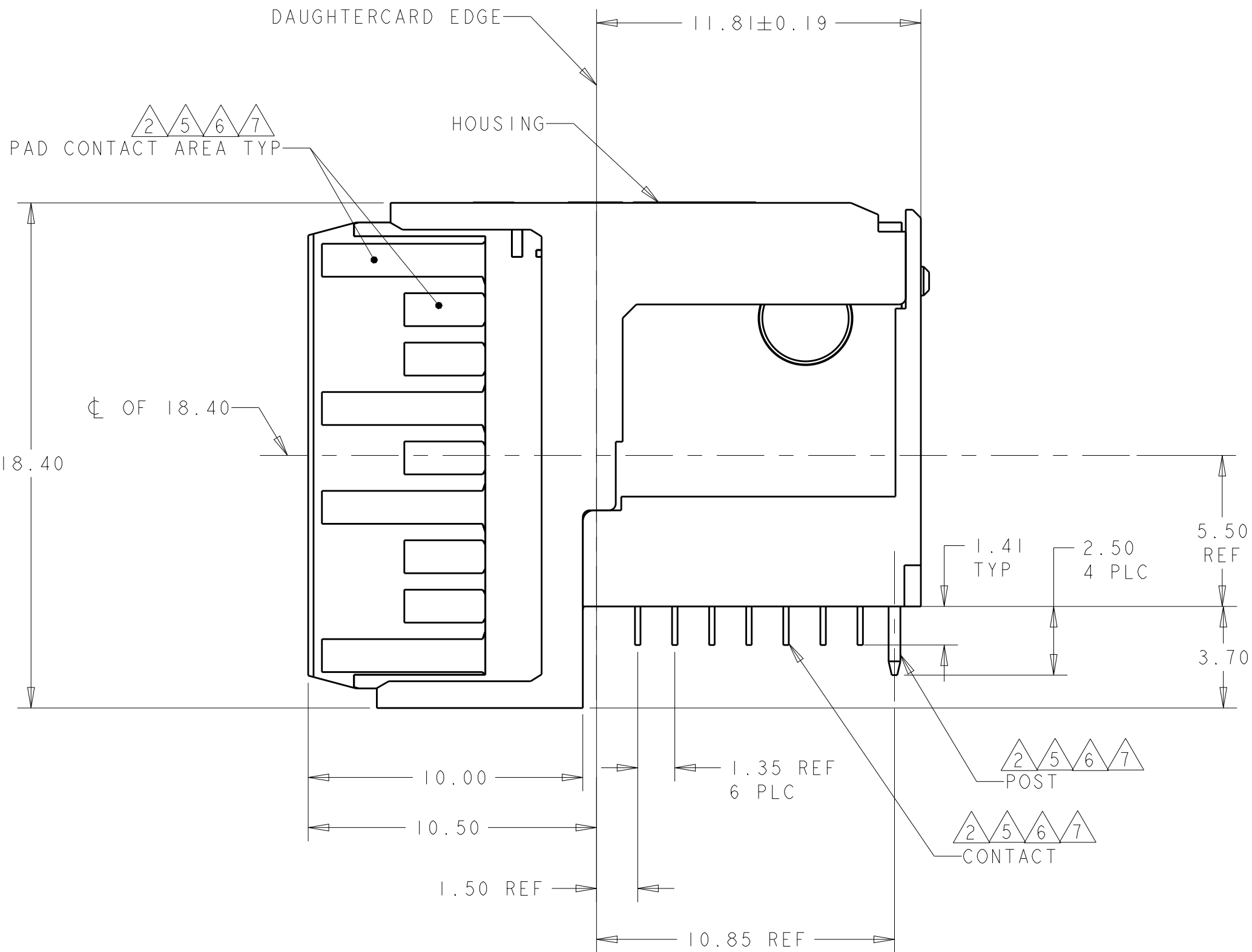
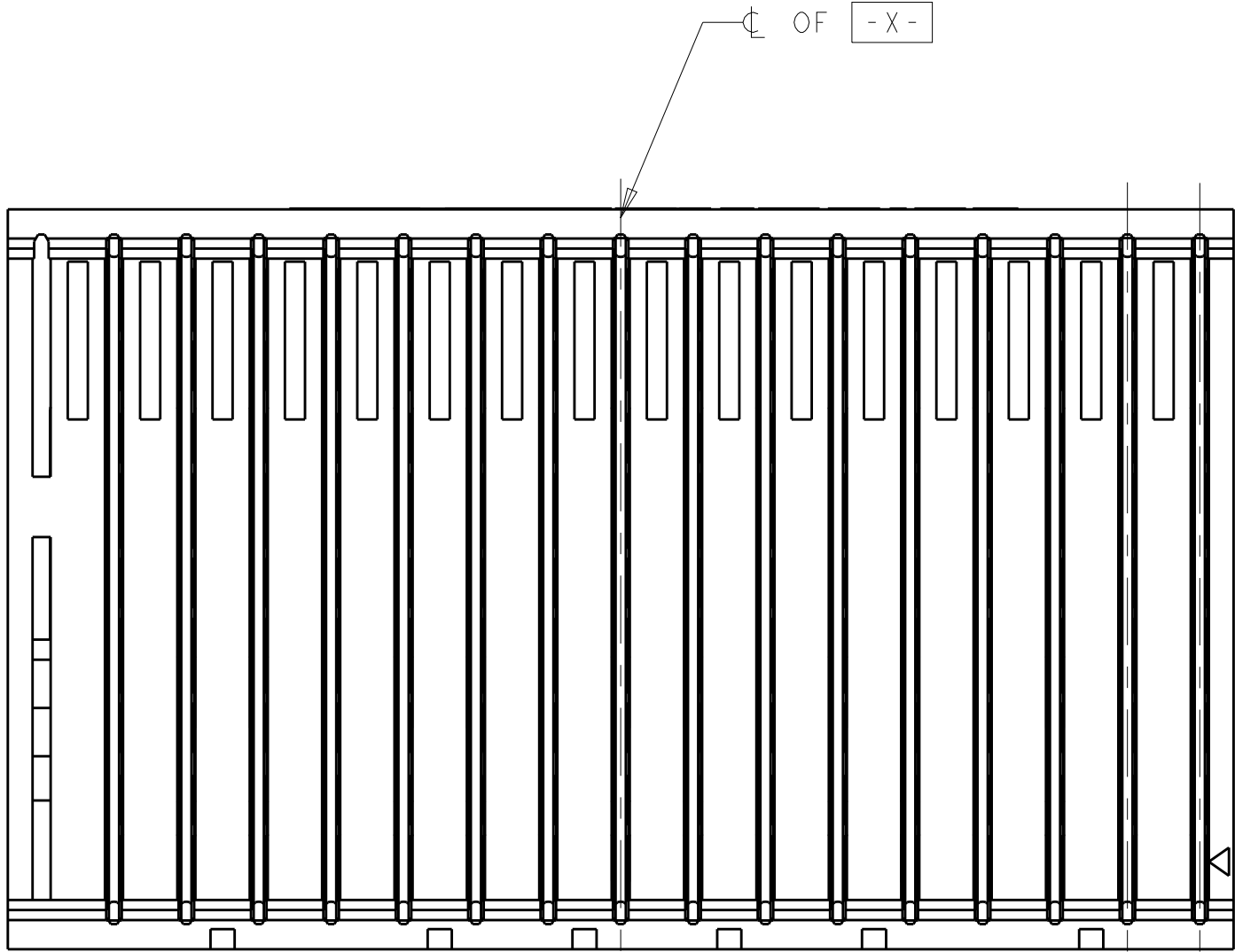
| REVISIONS |     |                       |        |     |      |
|-----------|-----|-----------------------|--------|-----|------|
| P         | LTR | DESCRIPTION           | DATE   | DWN | APVD |
|           | B   | REV PER ECO 20-008006 | 6-9-20 | CT  | DH   |
|           |     |                       |        |     |      |
|           |     |                       |        |     |      |
|           |     |                       |        |     |      |

- △ HOUSING: LCP, UL94V0, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE.  
POST: BRASS WIRE
- △ 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.
- △ PLATE THROUGH HOLE PER 114-13056,  
FIGURE 4 OR 114-163004, FIGURE 10.
- △ SEE TABLE 1 FOR INTERCONNECTIONS TO  
BACKPLANE CONNECTOR.
- △ 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.
- △ 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.
- △ 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 1410142

| 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



|         |           |
|---------|-----------|
| 7       | 1410191-4 |
| 6       | 1410191-3 |
| 5       | 1410191-2 |
| 2       | 1410191-1 |
| PLATING | PART NO   |

|                                        |                                           |                                  |                                                                                                               |  |
|----------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------|--|
| 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                                                                                                          |  |
|                                        | 0 PLC ±0.5                                | PRODUCT SPEC                     | RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW,<br>RIGHT END, 20.3mm, SINGLE ENDED,<br>MultiGig RT2, DAUGHTERCARD CONNECTOR |  |
|                                        | 1 PLC ±0.13                               | APPLICATION SPEC                 |                                                                                                               |  |
|                                        | 2 PLC ±0.13                               | SIZE CAGE CODE DRAWING NO        |                                                                                                               |  |
| MATERIAL                               | FINISH                                    | 114-13056                        | RESTRICTED TO                                                                                                 |  |
| △                                      | -                                         | WEIGHT                           | A100779C=1410191                                                                                              |  |
| SEE TABLE                              |                                           | CUSTOMER DRAWING                 | SCALE 6:1 SHEET 1 OF 1 REV B                                                                                  |  |