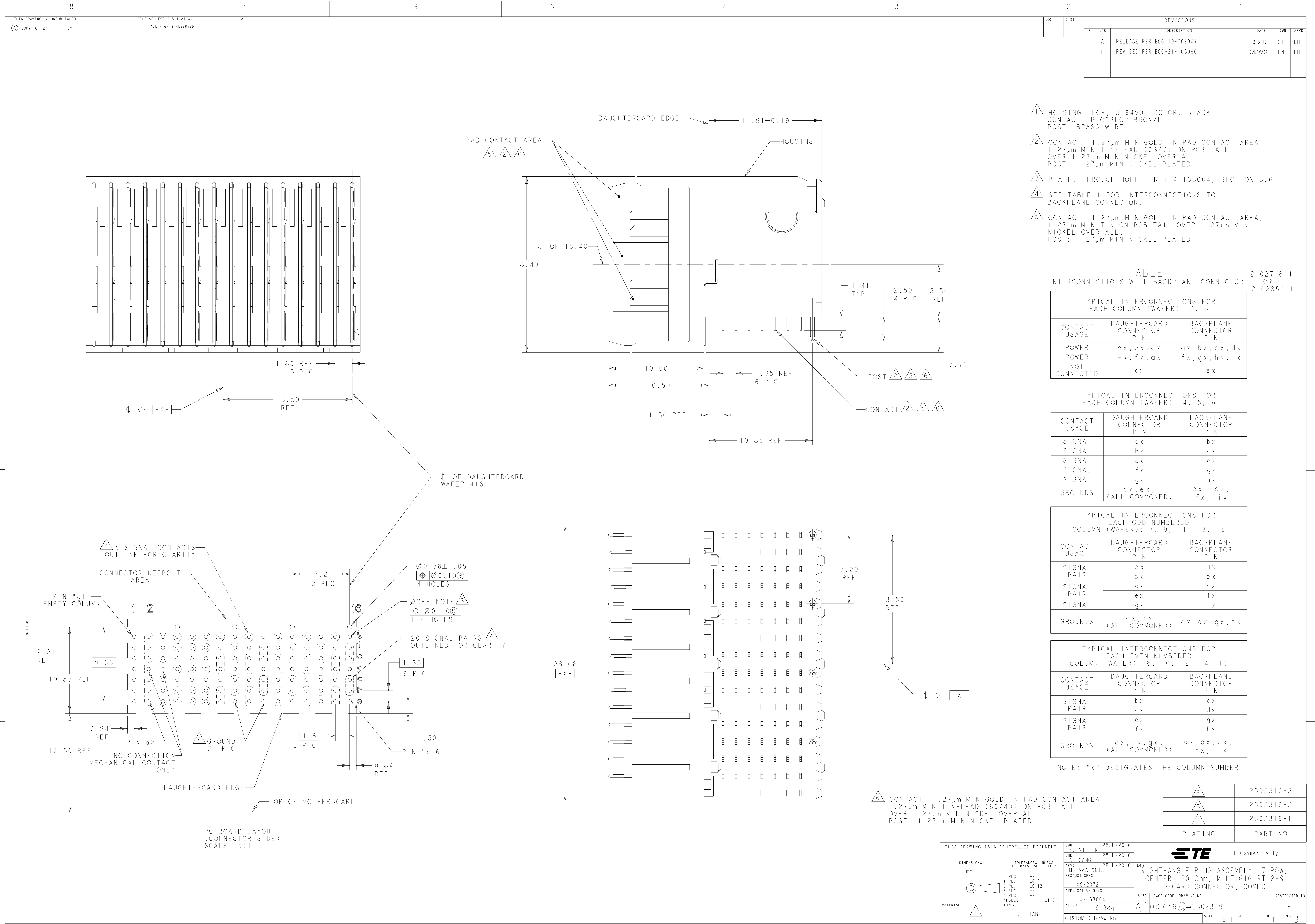




- 1 HOUSING: LCP, UL94V0, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE.  
POST: BRASS WIRE
- 2 CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA  
1.27µm MIN TIN-LEAD (93/7) ON PCB TAIL  
OVER 1.27µm MIN NICKEL OVER ALL.  
POST 1.27µm MIN NICKEL PLATED.
- 3 PLATED THROUGH HOLE PER 114-163004, SECTION 3.6
- 4 SEE TABLE I 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 I  
INTERCONNECTIONS WITH BACKPLANE CONNECTOR 2102768-1  
OR  
2102850-1

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

| TYPICAL INTERCONNECTIONS FOR<br>EACH COLUMN (WAFER): 4, 5, 6 |                                  |                               |
|--------------------------------------------------------------|----------------------------------|-------------------------------|
| 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             |

| TYPICAL INTERCONNECTIONS FOR<br>EACH ODD-NUMBERED<br>COLUMN (WAFER): 7, 9, 11, 13, 15 |                                  |                               |
|---------------------------------------------------------------------------------------|----------------------------------|-------------------------------|
| 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): 8, 10, 12, 14, 16 |                                  |                               |
|-----------------------------------------------------------------------------------------|----------------------------------|-------------------------------|
| 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         |

NOTE: "x" DESIGNATES THE COLUMN NUMBER

- 6 CONTACT: 1.27µm MIN GOLD IN PAD CONTACT AREA  
1.27µm MIN TIN-LEAD (60/40) ON PCB TAIL  
OVER 1.27µm MIN NICKEL OVER ALL.  
POST 1.27µm MIN NICKEL PLATED.

|                                        |                                           |                                  |                                                                                                         |                    |
|----------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                           | DWN<br>A. MILLER<br>28JUN2016    | TE Connectivity                                                                                         |                    |
| DIMENSIONS:<br>mm                      |                                           | CHK<br>A. ISANG<br>28JUN2016     |                                                                                                         |                    |
|                                        | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | APVD<br>M. McALONIS<br>28JUN2016 | NAME<br>RIGHT-ANGLE PLUG ASSEMBLY, 7 ROW,<br>CENTER, 20.3mm, MULTIGIG RT 2-S<br>D-CARD CONNECTOR, COMBO |                    |
|                                        |                                           | PRODUCT SPEC<br>108-2072         |                                                                                                         |                    |
|                                        |                                           | APPLICATION SPEC<br>114-163004   |                                                                                                         |                    |
| MATERIAL<br>                           | SEE TABLE                                 | WEIGHT<br>9.98g                  | SIZE<br>A100779                                                                                         | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                       |                                           | SCALE<br>6:1                     | SHEET<br>1                                                                                              | REV<br>B           |