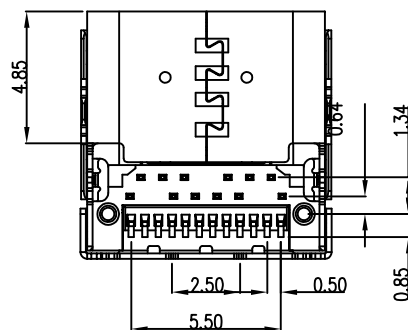
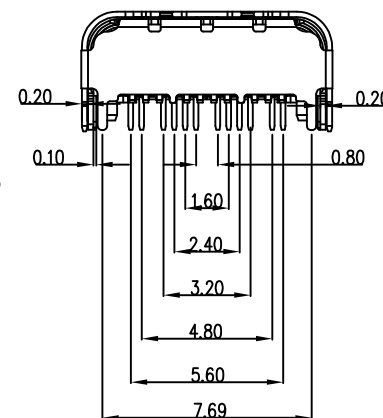
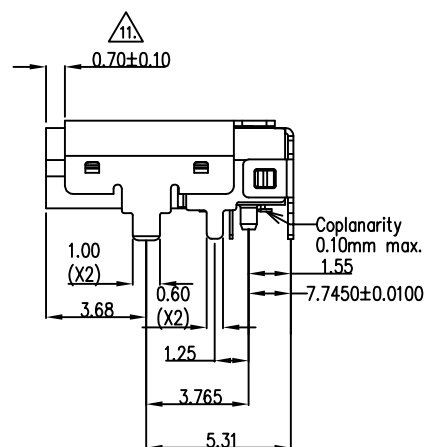
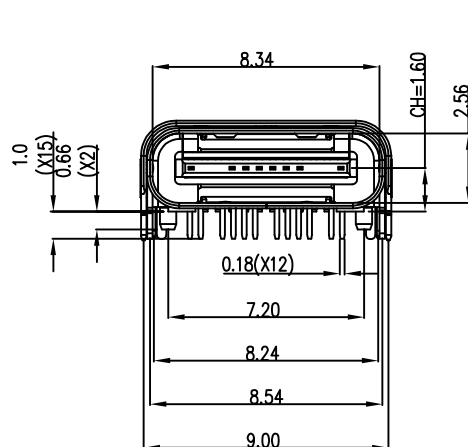
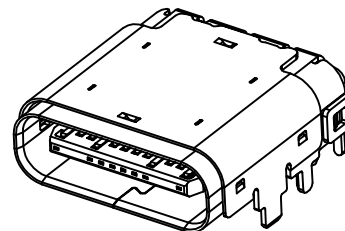
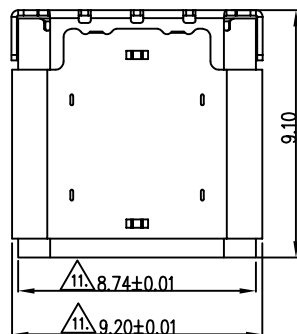


| REVISION RECORD |                   |                   |
|-----------------|-------------------|-------------------|
| REV             | DESCRIPTION       | DRFT              |
| 10              | A RELEASE         | LYNN<br>09/21/15  |
| 11              | CORRECT DIMENSION | RICKY<br>05/24/17 |



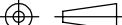
# **NOTES:**

## **ELECTRICAL CHARACTERISTICS:**

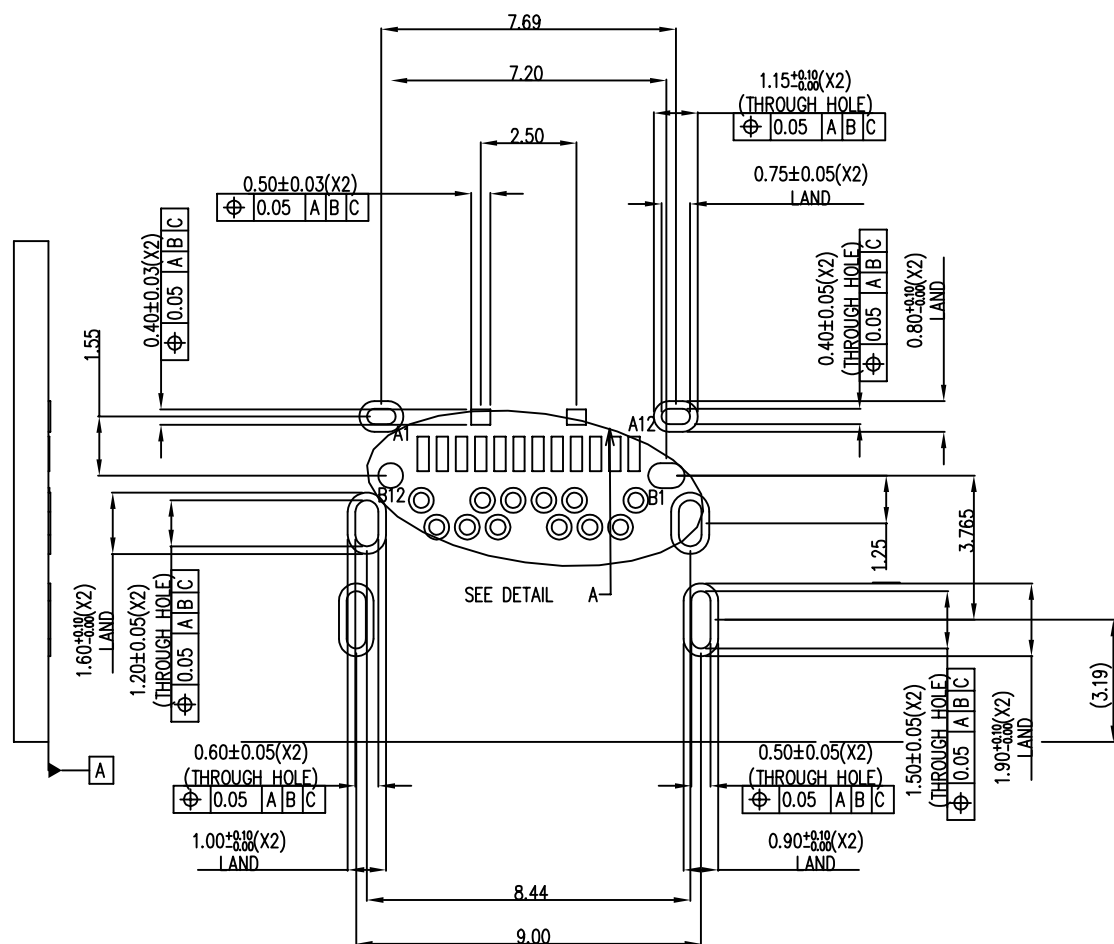
1. LOW LEVEL CONTACT RESISTANCE:  
INITIAL: 40m Ω FOR ALL CONTACT MAX.  
AFTER : 10m Ω MAX. CHANGE.
2. DIELECTRIC WITHSTANDING VOLTAGE:  
100 VAC FOR 1 MINUTE SEA LEVEL.
3. INSULATION RESISTANCE:  
100M Ω MIN.
4. CURRENT RATING:  
VBUS AND GND CONTACTS RATED AT 1.25A EA.  
PARALLELED FOR A TOTAL OF 5A
5. OPERATING TEMPERATURE: -55°C TO +85°C

## **MECHANICAL CHARACTERISTICS:**

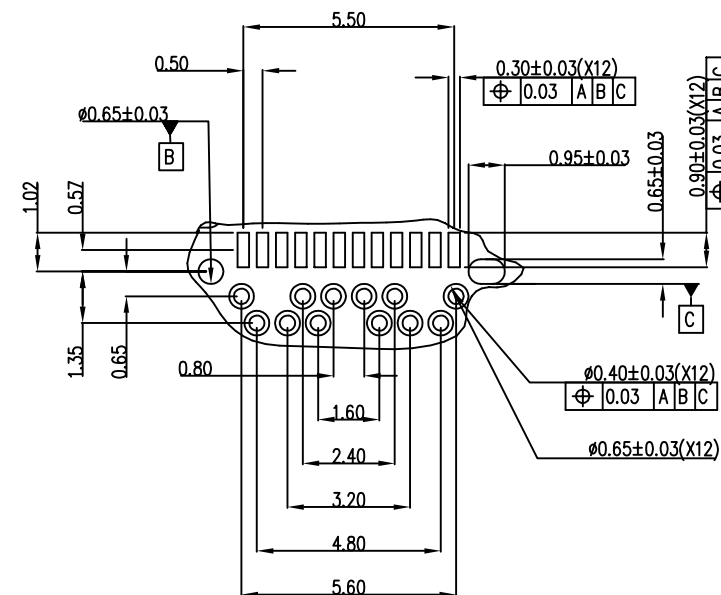
1. INSERTION FORCE: 20N MAX
2. EXTRACTION FORCE 1-1000 CYCLES 8N MIN. 20N MAX.  
EXTRACTION FORCE 1001-10000 CYCLES 6N MIN. 20N MAX.
3. DURABILITY : 10,000 CYCLES
4. PLATING OF CONTACT:  
GOLD FLASH ON CONTACT AREA.
5. OPERATING TEMPERATURE: -55°C TO +85°C

|                                                                                                                                    |                            |         |                                                        |                      |                                                                                                  |       |        |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------|--------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------|-------|--------|
| DETACHED LISTS                                                                                                                     | <div>MM<br/>(INCH)</div>   |         | RoHS Compliant                                         |                      | <div></div> |       |        |
|                                                                                                                                    | TOLERANCES EXCEPT AS NOTED |         | TITLE USB TYPE – C CONN<br>RECEPTACLE – TOP MOUNT TYPE |                      |                                                                                                  |       |        |
|                                                                                                                                    | MM                         |         |                                                        |                      |                                                                                                  |       |        |
|                                                                                                                                    | .0 ± 0.25                  | ±       |                                                        |                      |                                                                                                  |       |        |
|                                                                                                                                    | .00 ± 0.20                 | ±       |                                                        |                      |                                                                                                  |       |        |
|                                                                                                                                    | .000 ± 0.10                | ±       |                                                        |                      |                                                                                                  |       |        |
| ANGLES ± 1°                                                                                                                        |                            | DFTO :  | LYNN                                                   | DRAWING NO.          | CE8124-015-01                                                                                    | SIZE  | REV    |
| <div></div> <div>THIRD ANGLE PROJECTION</div> |                            | DATE :  | 09/21/2015                                             | /PART NO.            | E8124-015-01                                                                                     | A3    | 11     |
|                                                                                                                                    |                            | SCALE : | 1:1                                                    | DO NOT SCALE DRAWING |                                                                                                  | SHEET | 1 OF 2 |

| REVISION RECORD |                   |                   |
|-----------------|-------------------|-------------------|
| REV             | DESCRIPTION       | DRFT              |
| 10              | A RELEASE         | LYNN<br>09/21/15  |
| 11              | CORRECT DIMENSION | RICKY<br>05/24/17 |



RECOMMENDED PCB LAYOUT  
THICKNESS IS 0.9mm  
TOLERANCE ± 0.05



DETAIL A  
SCALE 7:1

|                                                         |                                           |        |                                                        |                      |                                                    |               |       |        |
|---------------------------------------------------------|-------------------------------------------|--------|--------------------------------------------------------|----------------------|----------------------------------------------------|---------------|-------|--------|
| DETACHED LISTS                                          | <div><div>MM</div><div>(INCH)</div></div> |        | RoHS Compliant                                         |                      | <div><div></div><div>Pulse Electronics</div></div> |               |       |        |
|                                                         | TOLERANCES EXCEPT AS NOTED                |        |                                                        |                      |                                                    |               |       |        |
|                                                         | MM                                        |        | TITLE USB TYPE – C CONN<br>RECEPTACLE – TOP MOUNT TYPE |                      |                                                    |               |       |        |
|                                                         | .0 ± 0.25                                 | ±      |                                                        |                      |                                                    |               |       |        |
|                                                         | .00 ± 0.20                                | ±      |                                                        |                      |                                                    |               |       |        |
|                                                         | .000 ± 0.10                               | ±      |                                                        |                      |                                                    |               |       |        |
|                                                         | ANGLES ± 1°                               |        | DFTO :                                                 | LYNN                 | DRAWING NO.                                        | CE8124-015-01 |       | SIZE   |
| <div><div></div><div>THIRD ANGLE PROJECTION</div></div> |                                           | DATE : | 09/21/2015                                             | /PART NO.            | E8124-015-01                                       |               | A3    | 11     |
| SCALE :                                                 |                                           | 1:1    |                                                        | DO NOT SCALE DRAWING |                                                    |               | SHEET | 2 OF 2 |