

| REVISION RECORD |             |      |
|-----------------|-------------|------|
| REV             | DESCRIPTION | DRFT |
|                 |             |      |

# NOTES :

## MATERIAL

- 1.PLASTIC: NYLON UL 94V-0 COLOR: BLACK
- 2.COVER: STAINLESS STEEL  
PLATING: UNDERPLATING ALL OVER CU 20u"Min, PLATING NICKEL 50-120u"
- 3.TERMINAL: PHOSPHOR BRONZE T=0.2±0.01mm;  
PLATING GOLD 3u"ALL OVER  
UNDERPLATING ALL OVER NICKEL 50u" Min.

## ELECTRICAL CHARACTERISTICS

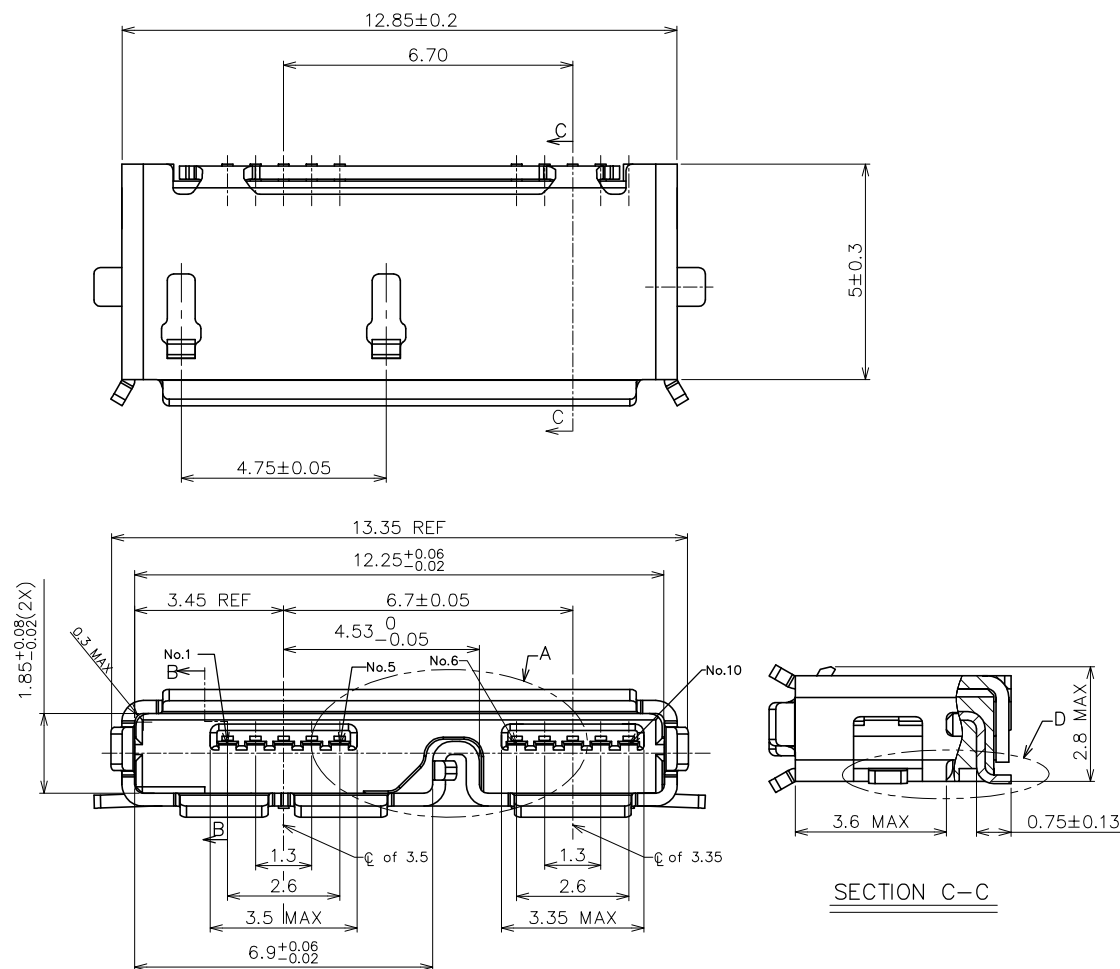
- 1.CURRENT RATING: 1.8A
- 2.CONTACT RESISTANCE: 30mΩMAX.
- 3.DIELECTRICAL WITHSTANDING: 100V AC/1min.
- 4.INSULATION RESISTANCE: 100MΩ Min.

## MECHANICAL CHARACTERISTICS

- 1.MATING FORCE: 3.57Kgf MAX(35N MAX).
- 2.UNMATING FORCE: 0.8Kgf Min(8N Min).
- 3.DURABILITY: 10000 CYCLES .

## OTHERS:

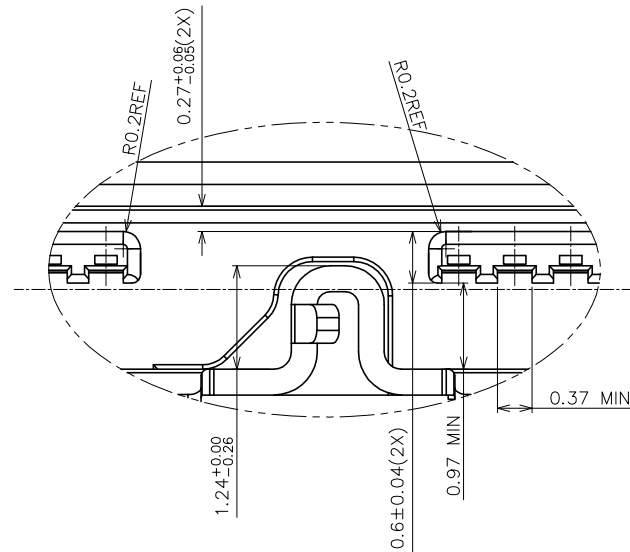
- 1.OPERATION TEMPERATURE: -20°C to +80°C



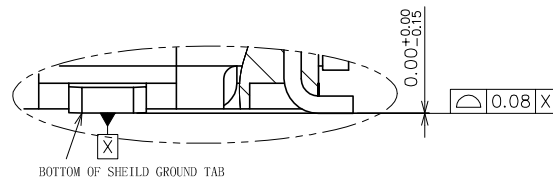
SECTION C-C

|                |                                                                                                                                    |  |                 |                 |                                                                                                                           |  |                           |  |                             |      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|-----------------------------|------|
| DETAILED VIEWS | <div>MM<br/>(INCH)</div>                                                                                                           |  | DFTO Roy        | DATE 11/20/2012 | <div> <b>Pulse Electronics</b></div> |  | <div>RoHS Compliant</div> |  |                             |      |
|                | TOLERANCES EXCEPT AS NOTED                                                                                                         |  | CHKD            | DATE            |                                                                                                                           |  |                           |  |                             |      |
|                | <div>MM<br/>.<math>\pm</math> 0.38<br/>.0 <math>\pm</math> 0.30<br/>.00 <math>\pm</math> 0.13<br/>.000 <math>\pm</math> 0.05</div> |  | APPVL           | DATE            | TITLE                                                                                                                     |  |                           |  |                             |      |
|                |                                                                                                                                    |  | MATERIAL :      |                 |                                                                                                                           |  |                           |  | USB 3.0 MICRO-AB RECEPTACLE |      |
|                |                                                                                                                                    |  | ANGLES $\pm$ 2° |                 |                                                                                                                           |  |                           |  |                             |      |
|                | THIRD ANGLE PROJECTION                                                                                                             |  | QTY :           |                 | DRAWING NO. E8110-001-01                                                                                                  |  |                           |  | SIZE                        | REV  |
|                |                                                                                                                                    |  | FINISH :        |                 | /PART NO. E8110-001-01                                                                                                    |  |                           |  | A3                          | 01   |
|                |                                                                                                                                    |  | SCALE : 1:1     |                 | DO NOT SCALE DRAWING                                                                                                      |  |                           |  | SHEET 1                     | OF 2 |
|                |                                                                                                                                    |  |                 |                 |                                                                                                                           |  |                           |  |                             |      |
|                |                                                                                                                                    |  |                 |                 |                                                                                                                           |  |                           |  |                             |      |

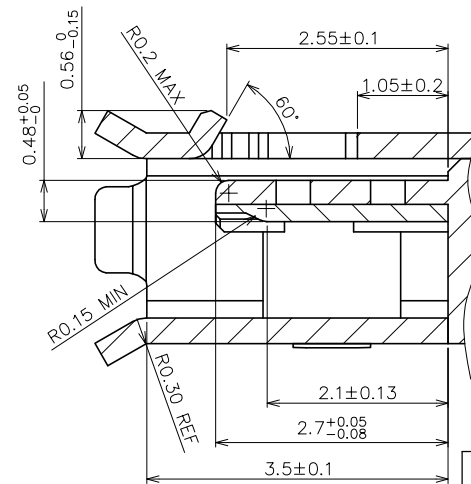
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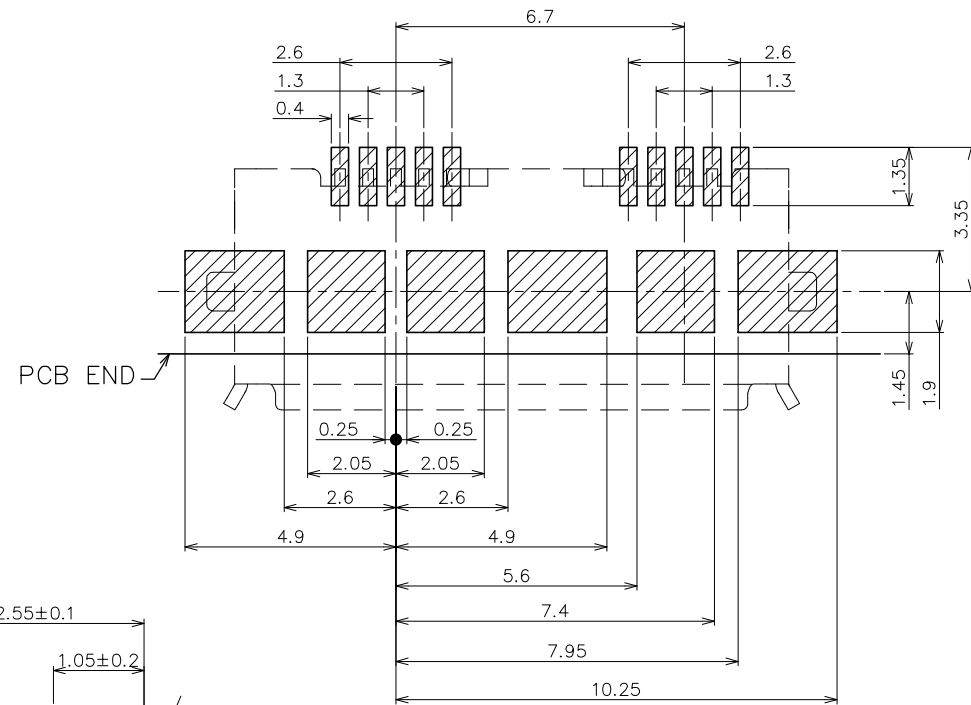
DETAIL A  
SCALE 2:1



DETAIL D  
SCALE 2:1



SECTION B-B  
SCALE 2:1



RECOMMENDED PCB LAYOUT  
TOP VIEW (TOLERANCE:  $\pm 0.05$ )

|                |                                                                                                                                    |   |             |                 |                                                                                                                                                     |  |         |        |
|----------------|------------------------------------------------------------------------------------------------------------------------------------|---|-------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--------|
| DETACHED LISTS | <div>←MM<br/>(INCH)→</div>                                                                                                         |   | DFTO Roy    | DATE 11/20/2012 | <div> <b>Pulse Electronics</b></div> <div>RoHS Compliant</div> |  |         |        |
|                | TOLERANCES EXCEPT AS NOTED                                                                                                         |   | CHKD        | DATE            |                                                                                                                                                     |  |         |        |
|                | MM                                                                                                                                 |   | APPVL       | DATE            | TITLE<br>USB 3.0 MICRO-AB RECEPTACLE                                                                                                                |  |         |        |
|                | .± 0.38                                                                                                                            | ± | MATERIAL :  |                 |                                                                                                                                                     |  |         |        |
|                | .0 ± 0.30                                                                                                                          | ± |             |                 |                                                                                                                                                     |  |         |        |
|                | .00 ± 0.13                                                                                                                         | ± | QTY :       |                 | DRAWING NO. E8110-001-01                                                                                                                            |  | SIZE A3 | REV 01 |
|                | .000 ± 0.05                                                                                                                        | ± | FINISH :    |                 | /PART NO. E8110-001-01                                                                                                                              |  |         |        |
|                | ANGLES ± 2°                                                                                                                        |   | SCALE : 1:1 |                 | DO NOT SCALE DRAWING                                                                                                                                |  | SHEET 2 | OF 2   |
|                | <div></div> <div>THIRD ANGLE PROJECTION</div> |   |             |                 |                                                                                                                                                     |  |         |        |

8

7

6

5

4

3

2

1

H  
G  
F  
E  
D  
C  
B  
A