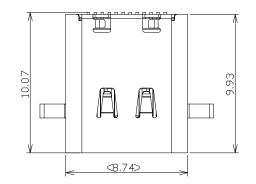
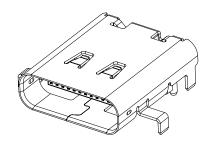
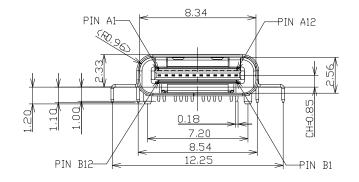
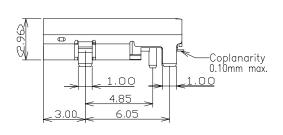
REVISION RECORD						
REV	DESCRIPTION	DRFT				









## NOTES:

## **ELECTRICAL CHARACTERISTICS:**

- 1. LOW LEVEL CONTACT RESISTANCE: INITIAL:40m $\Omega$  FOR ALL CONTACT MAX. AFTER : 10m $\Omega$  MAX. CHANGE.
- 2. DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC FOR 1 MINUTE SEA LEVEL.
- 3. INSULATION RESISTANCE:  $100\text{M}\Omega$  MIN.
- 4.CURRENT RATING: VBUS AND GND CONTACTS RATED AT 1.25A. PARALLELED FOR A TOTAL OF 5A

## MECHANICAL CHARACTERISTICS:

- 1. INSERTION FORCE: 20N MAX
- 2. EXTRACTION FORCE: 8N MIN. 20N MAX.
- 3. DURABILITY: 10,000 CYCLES
- 4. PLATING OF CONTACT:
- Au 30u" PLATING ON CONTACT AREA.

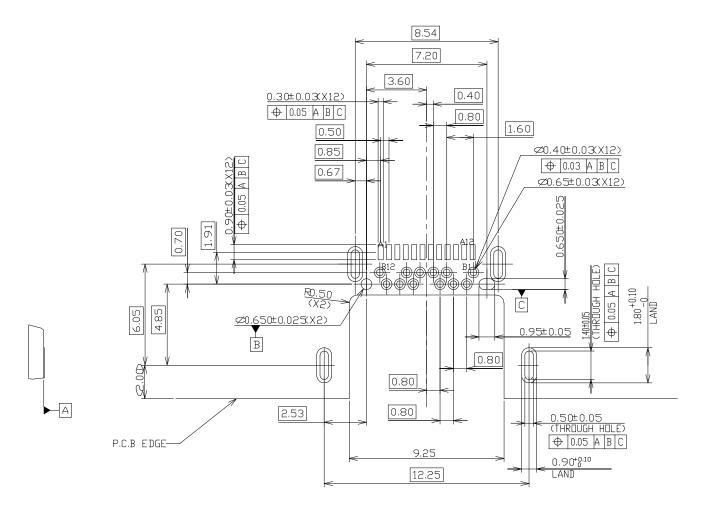
  5. OPERATING TEMPERATURE: -55°C TO +85°C

10.07	Parameter and the second secon
<u>V</u> / 🖳	
<u>Ø0.55</u>	0.20 0.50 5.50 PITCH

PIN N□.	A1	A2	A3	Α4	A5	A6	Α7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
PIN N□.	B12	B11	B10	В9	B8	В7	В6	B5	В4	В3	B2	B1
SIGNAL NAME	GND	SSRXp1	SSRXn1	VBUS	SBN5	Dn1	Dp1	CC5	VBUS	SSTXn2	SqXT22	GND

(0)	MM (INCH)  TOLERANCES EXCEPT AS NOTED	RoHS Compliant	Pulse Electronics					
DETACHED LISTS	MM .0 ± 0.25 ± .00 ± 0.20 ± .000 ± 0.10 ±		TITLE USB 3.1 GEN1 (5G) TYPE C CONN RECEPTACLE — MID MOUNT TYPE					
	ANGLES ± 1	DFTO: Ella	DRAWING NO. CE8124-010-01	SIZE	REV			
	<b>A 1</b>	DATE: 11/18/2015	/PART NO. E8124-010-01	A3	1			
	THIRD ANGLE PROJECTION	SCALE: 1:1	DO NOT SCALE DRAWING SHEET	1 OF	2			

REVISION RECORD						
REV	DESCRIPTION	DRFT				



RECOMMENTED PCB LAYOUT THICKNESS IS 0.9mm TOLERANCE ± 0.05 (TOP VIEW)

	MM (INCH)  TOLERANCES EXCEPT AS NOTE	RoH	S Compliant	@Puls	e ics			
DETACHED LISTS	MM .0 ± 0.25 ± .00 ± 0.20 ± .000 ± 0.10 ±	TITLE	TITLE USB 3.1 GEN1 (5G) TYPE C CONN RECEPTACLE — MID MOUNT TYPE					
ľ	ANGLES ± 1°	DFTO :	Ella	DRAWING NO. CE8124-010-01		SIZE	REV	
	<b>A A</b>	DATE :	11/18//2015	/PART NO. E8124-010-01		A3	1	
	THIRD ANGLE PROJECTION	SCALE :	1:1	DO NOT SCALE DRAWING	SHEET	2 of	2	

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Pulse:

E8124-010-01