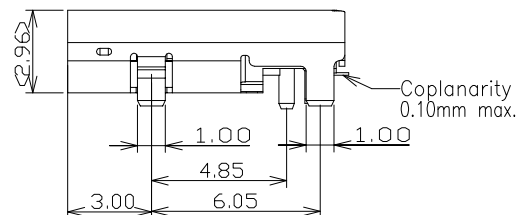
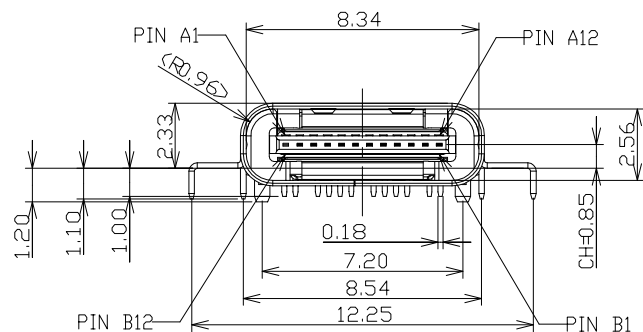
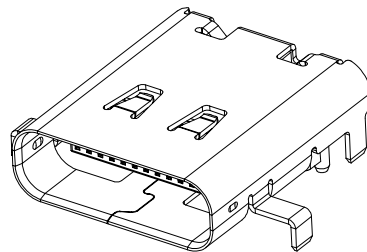
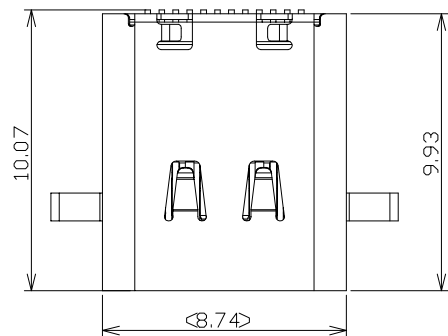


REVISION RECORD		
REV	DESCRIPTION	DRFT



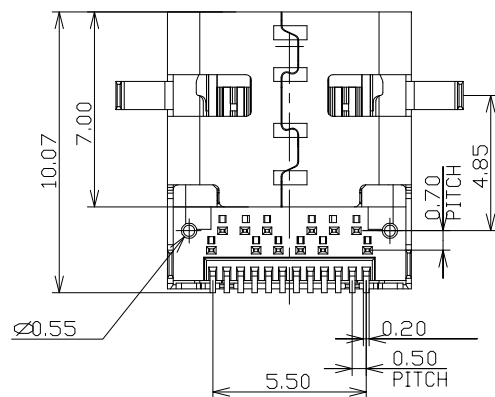
NOTES:

ELECTRICAL CHARACTERISTICS:

1. LOW LEVEL CONTACT RESISTANCE:
INITIAL:40mΩ FOR ALL CONTACT MAX.
AFTER : 10mΩ MAX. CHANGE.
2. DIELECTRIC WITHSTANDING VOLTAGE:
100 VAC FOR 1 MINUTE SEA LEVEL.
3. INSULATION RESISTANCE:
100MΩ 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



PIN NO.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
PIN NO.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn1	Dp1	CC2	VBUS	SSTXn2	SSTXp2	GND

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

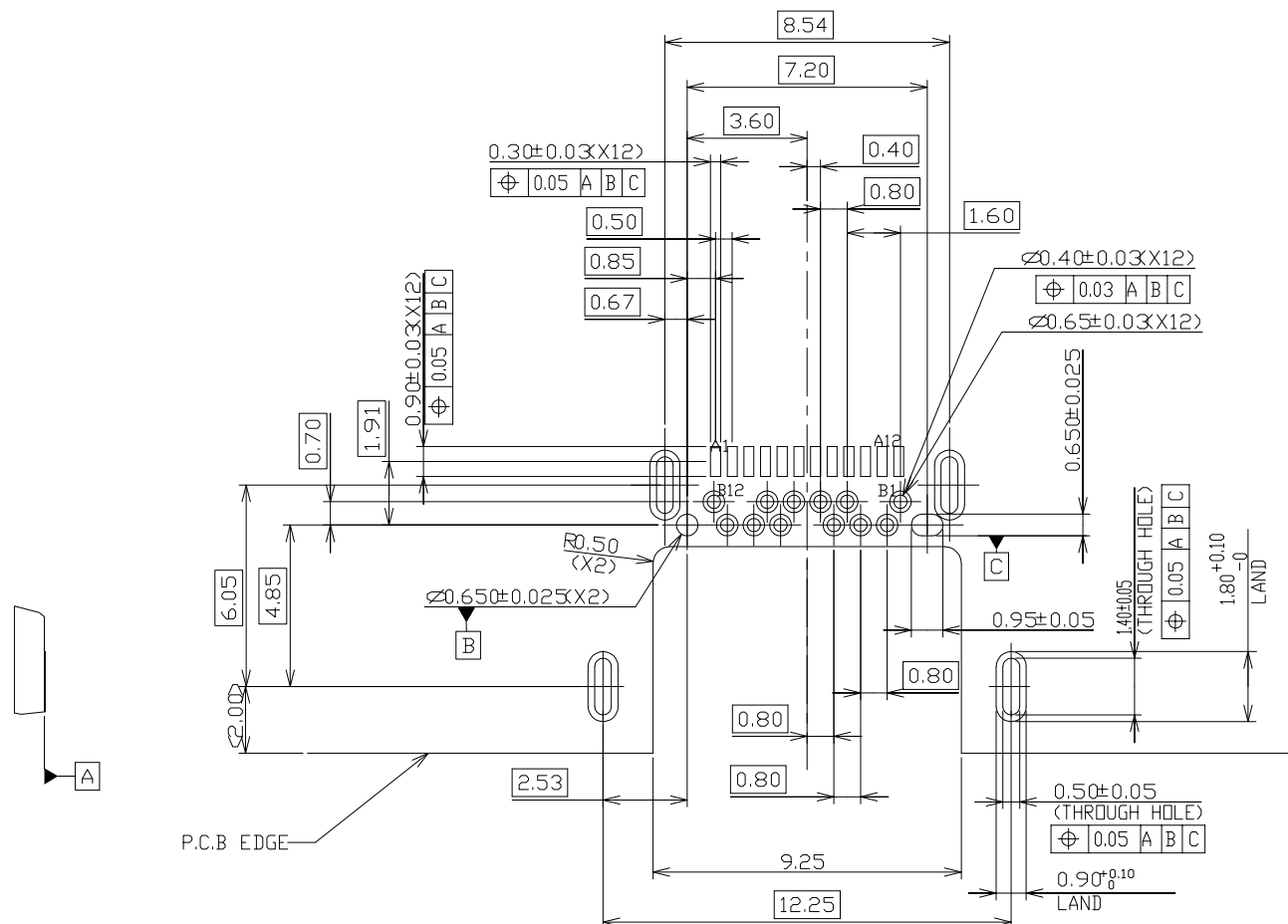
SIZE

REV

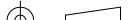
A3

1

REVISION RECORD		
REV	DESCRIPTION	DRFT



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

DETACHED LISTS	MM (INCH)		RoHS Compliant							
	TOLERANCES EXCEPT AS NOTED									
	MM		TITLE USB 3.1 GEN1 (5G) TYPE C CONN RECEPTACLE – MID MOUNT TYPE							
	.0 ± 0.25	±								
	.00 ± 0.20	±								
	.000 ± 0.10	±								
	ANGLES ± 1°		DFTO :	Ellq	DRAWING NO.	CE8124-010-01	SIZE	REV		
			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