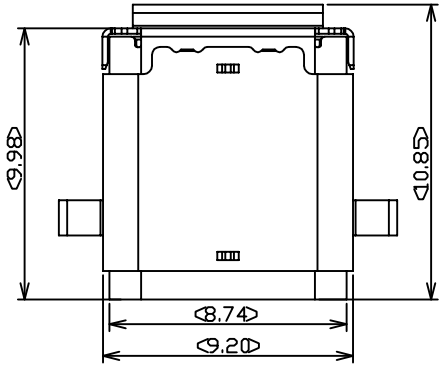
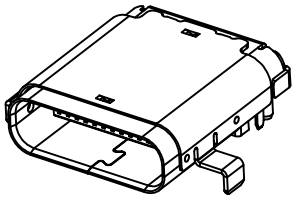
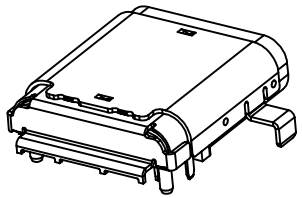
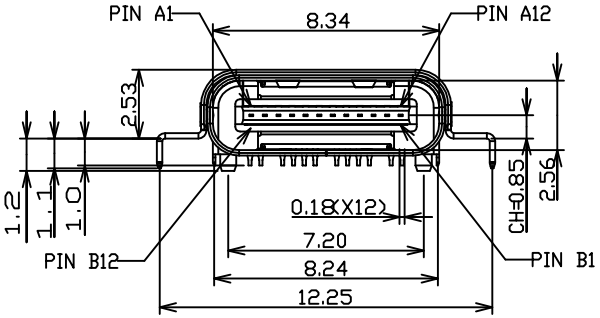
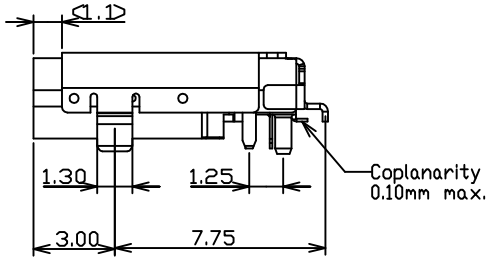
REVISION RECORD		
REV	DESCRIPTION	DRFT

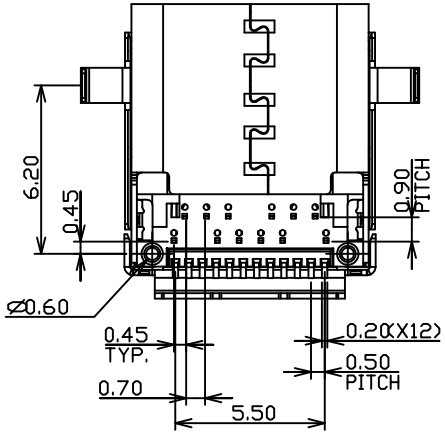












NOTES:

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 EA.,
   PARALLELED FOR A TOTAL OF 5A.

MECHANICAL CHARACTERISTICS:

1. INSERTION FORCE: 20N MAX
2. EXTRACTION FORCE:
   DURABILITY 1~1000 CYCLES 8N MIN. 20N MAX.
   DURABILITY 1001~10000 CYCLES 6N MIN. 20N MAX.
3. DURABILITY : 10,000 CYCLES
4. PLATING OF CONTACT:
   Au 30u" PLATING ON CONTACT AREA.
5. OPERATING TEMPERATURE: -40°C TO +85°

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)

TOLERANCES EXCEPT AS NOTED

MM	
.0 ± 0.25	±
.00 ± 0.20	±
.000 ± 0.10	±

ANGLES ± 1°

THIRD ANGLE PROJECTION

RoHS Compliant

Pulse Electronics

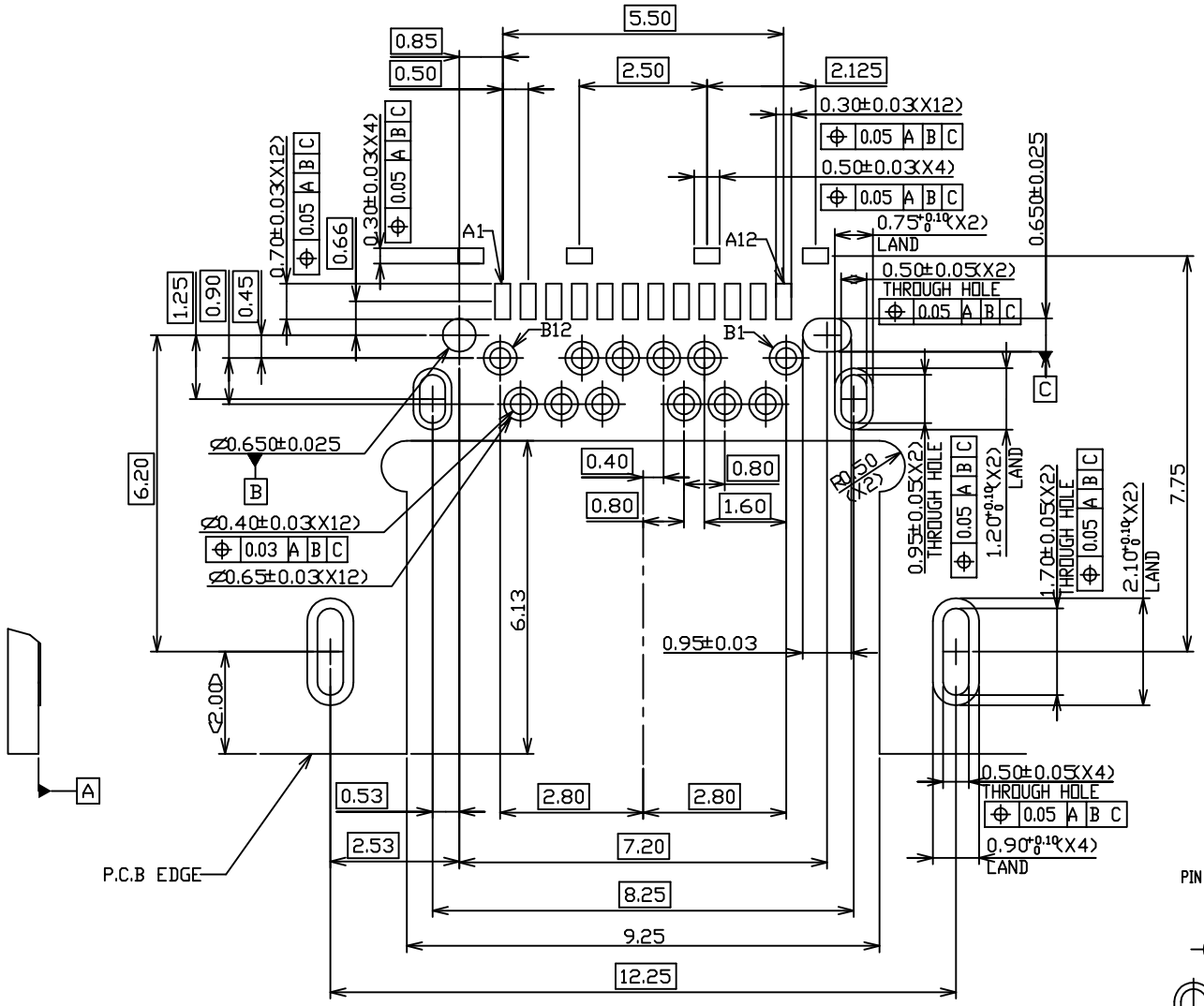
TITLE
USB TYPE- C FULL FEATURE CONN.
RECEPTACLE - MID MOUNT TYPE

DFTD : LYNN	DRAWING NO. CE8124-011-01	SIZE A3	REV 0
DATE : 06/23/2015	/PART NO. E8124-011-01		
SCALE : 1:1	DO NOT SCALE DRAWING	SHEET 1 OF 2	

H G F E D C B A

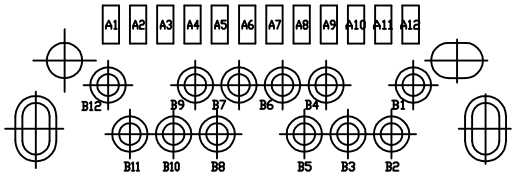
8 7 6 5 4 3 2 1

REVISION RECORD		
REV	DESCRIPTION	DRFT



RECOMMENTED PCB LAYOUT
THICKNESS IS 0.9mm
TOLERANCE ± 0.05

PIN NO.(TOP VIEW)



MM (INCH)	RoHS Compliant	Pulse Electronics	
TOLERANCES EXCEPT AS NOTED MM .0 ± 0.25 ± .00 ± 0.20 ± .000 ± 0.10 ± ANGLES ± 1°	TITLE USB TYPE- C FULL FEATURE CONN. RECEPTACLE - MID MOUNT TYPE		
DETACHED LISTS	DFTD : LYNN	DRAWING NO. CE8124-011-01	SIZE A3 / REV 0
THIRD ANGLE PROJECTION	DATE : 06/23/2015	/PART NO. E8124-011-01	
	SCALE : 1:1	DO NOT SCALE DRAWING	SHEET 2 OF 2

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:
E8124-011-01