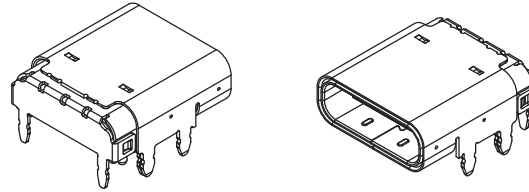
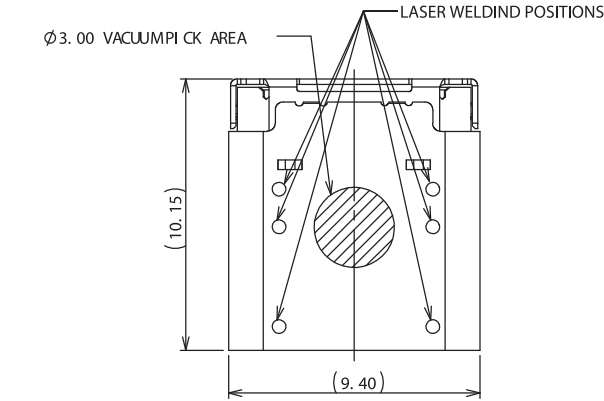


REV	DESCRIPTION	DATE
A	Initial Release	15/10/21
B	△x12, Ax2, MX10(TPRFQ18395)	18/06/21



- △ NOTES:
- 1.0 Electrical Characteristic:
 - 1.1 Low Level Contact Resistance:
 - Initial: 40mΩ for All Contact Maximum.
 - After: 50mΩ Maximum.
 - 1.2 Dielectric Withstanding Voltage:
 - 100 VAC for One Minute Sea Level.
 - 1.3 Insulation Resistance:
 - 100m Minimum.
 - 1.4 Current Rating:
 - VBUS and GND Contacts Rated at 1.25A EA.
 - Paralleled for A Total of 5A.
 - 2.0 Mechanical Characteristic:
 - 2.1 Insertion Force: 1~10,000 Cycles 5N~20N
 - 2.2 Extraction Force:
 - Initial 6TH Cycles of 8~20N.
 - (1~5 Insertion/Extraction Preconditioning Cycles.)
 - Durability 32TH Extraction Force Shall be 33% of the Initial Reading and Within Range 8~20N.
 - (6 Cycles Additional 25 Insertion/Extraction Cycles.)
 - After Durability 10,000 Cycles of 6~20N
 - 2.3 Durability 10,000 Cycle
 - 3.0 Operating Temperature: -55°C to +85°C

- △ PART NUMBER CODE
- UBT30CR33 - 24 F K xx x x
- 1 2 3 4 5 6
1. Contact Positions:
 - 24: 24 pins
 2. Contact Type:
 - F: Female Receptacle
 3. Insulator Color
 - K: Black
 4. Contact Plating:
 - 01: Selective G/F
 - 30: Selective 30u" Gold
 5. Shell Plating:
 - N: Solderable Nickel
 6. Siffox Code (Refer to DIM C)
 - 0: Inside Shell Dip 1.0MM
 - 2: Inside Shell Dip 0.8MM

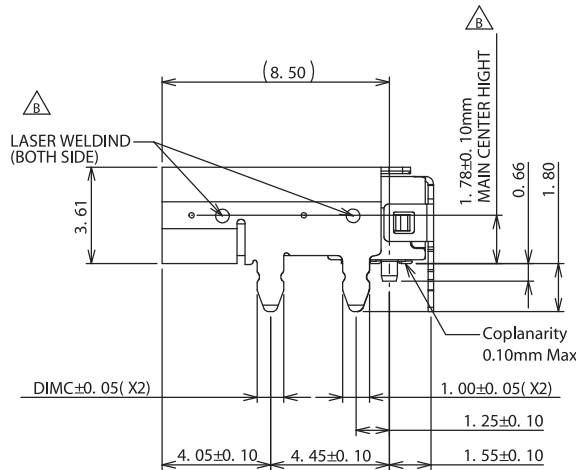
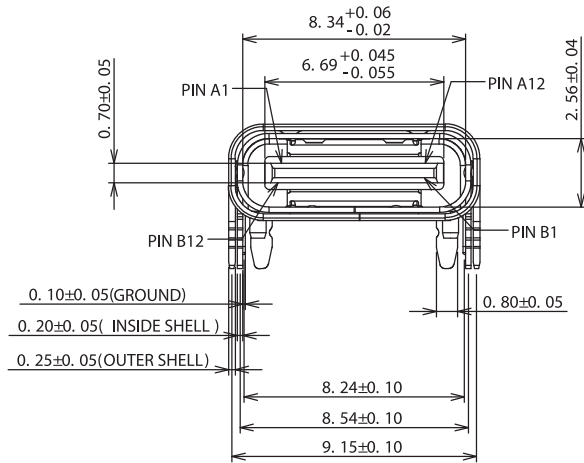
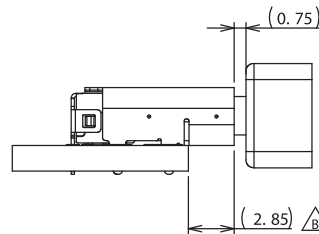
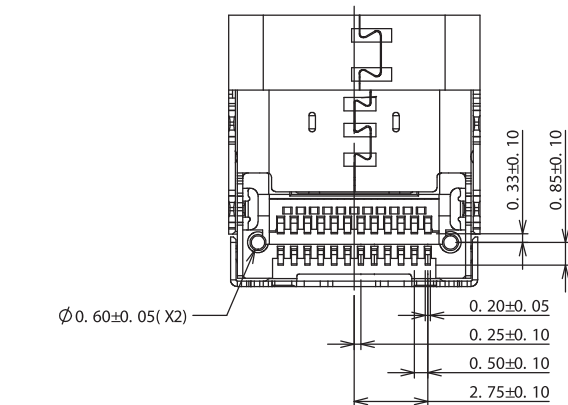


TABLE A △

P/N	DIMC
UBT30CR33-24FKXXN0	1.00mm
UBT30CR33-24FKXXN1	0.80mm

ITEM	NAME	MATERIAL/FINISH	QTY
6	OUTER SHELL	METAL/NI PLATED	1
5	SHELL	METAL/NI PLATED	1
4	EMI RING	METAL/NI PLATED	2
3	GROUND PLATE	METAL/NI PLATED	1
2	CONTACT	COPPER ALLOY/AU PLATED	24
1	HALF PRODUCT	HI-TEMP. G.F. UL94V-0	1

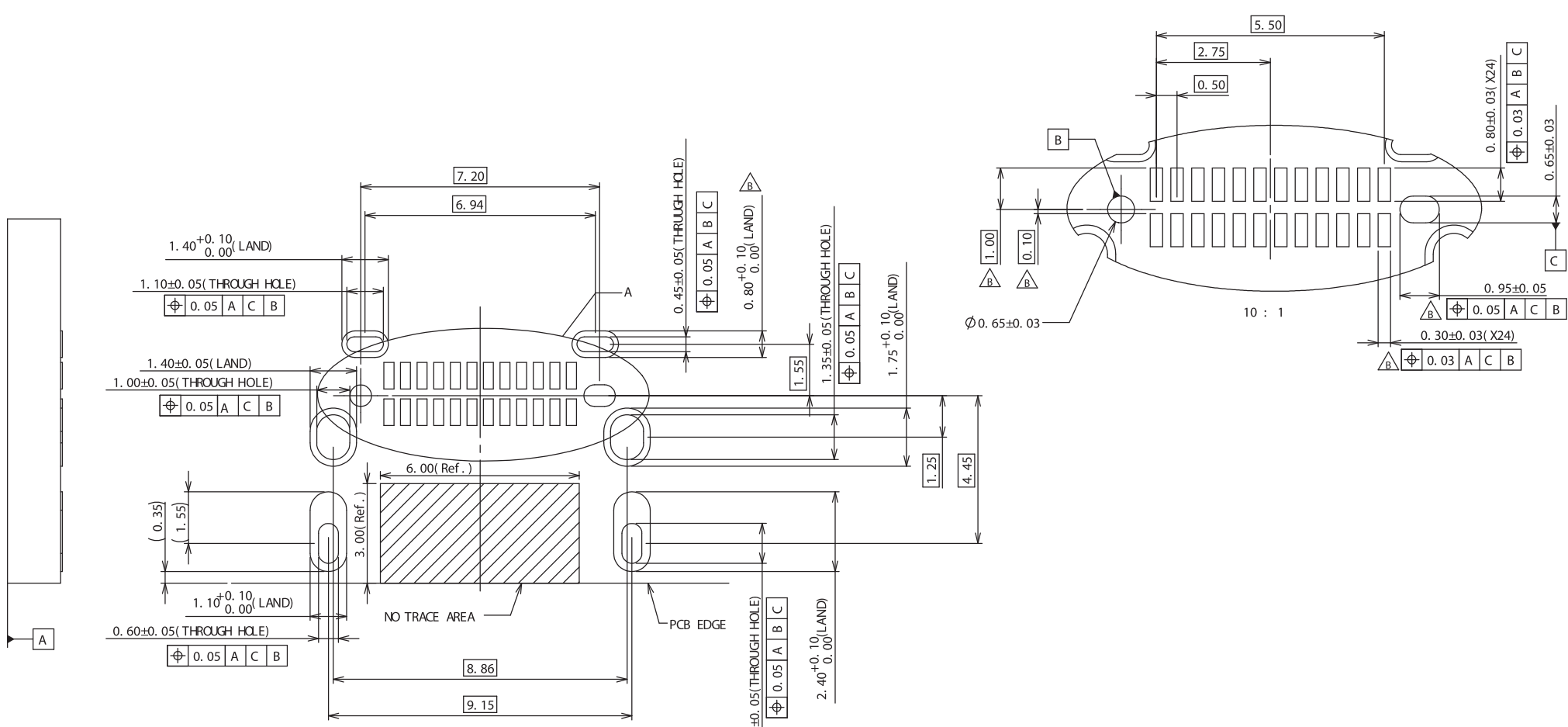


PIN NO.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
PIN NO.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn1	Dp1	CC2	VBUS	SSTXn2	SSTXp2	GND

TOLERANCES UNLESS OTHERWISE SPECIFIED	
GENERAL X	±0.38
.1	±0.25
.12	±0.13
.15X	±0.05
ANGLES	
°	±.3
'	±.1
"	±.1

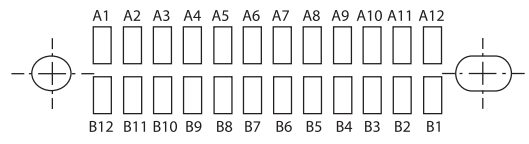
		DRAWN BY		TOMMY	
		CHECKED			
TITLE:		USB TYPE-C(GEN 2) CONN. RECEPTACLE TOP MOUNT CH=1.78			
PART NO:		UBT30CR33-24FK			
SCALE		/	REV	B	
UNIT	mm				

REV	DESCRIPTION	DATE
A	Initial Release	15.10.21
B	△x12, Ax2, MX10(TPRFQ18395)	18.06.21



RECOMMENDED PCB LAYOUT
THICKNESS IS 1.60mm
TOLERANCE ± 0.05

TABLE C: PIN NO. (TOP VIEW)



TOLERANCES UNLESS OTHERWISE SPECIFIED	
GENERAL	±0.38
F	±0.25
H	±0.13
XX	±0.05
ANGLES	
°	±0.5
'	±1
''	±5

		DRAWN BY		TOMMY
		CHECKED		
TITLE:		USB TYPE-C(GEN 2) CONN. RECEPACLE TOP MOUNT CH=1.78		
PART NO:		UBT30CR33-24FK		
SCALE		/	REV	B
UNIT	mm	DRAWING NO.		