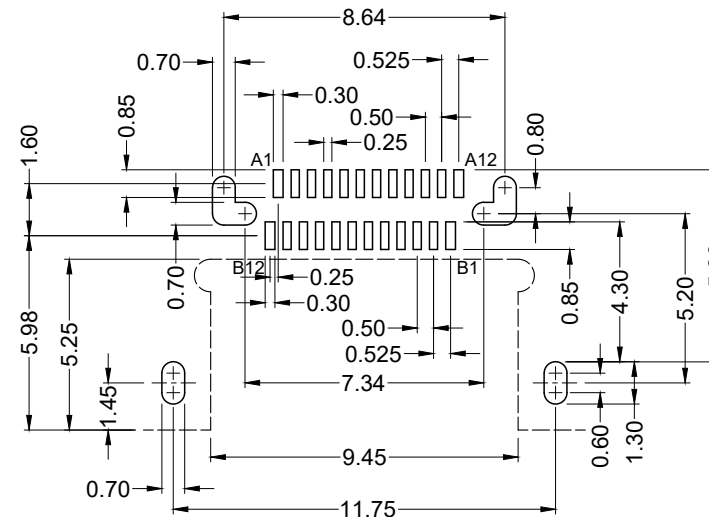
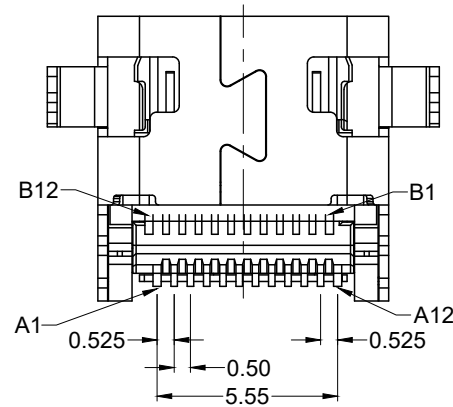
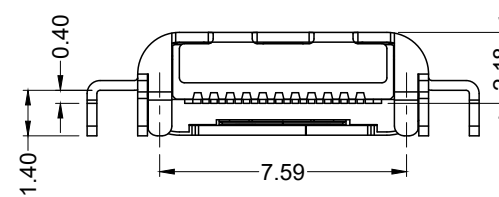
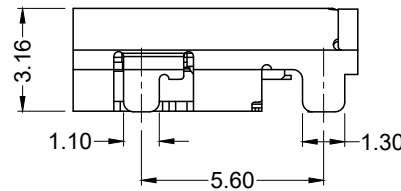
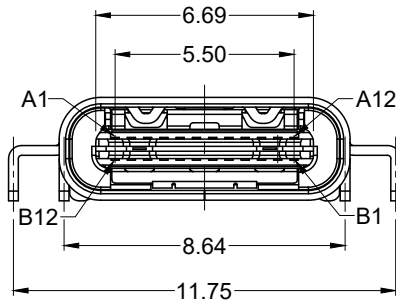
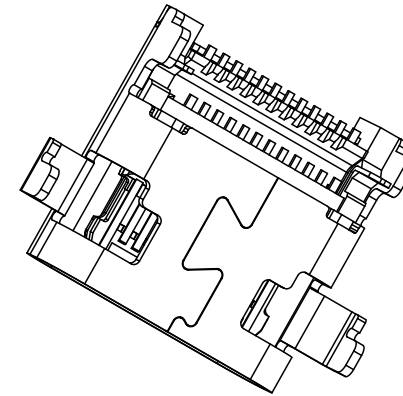
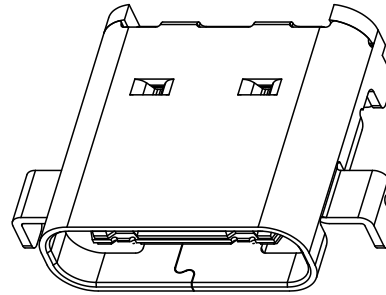
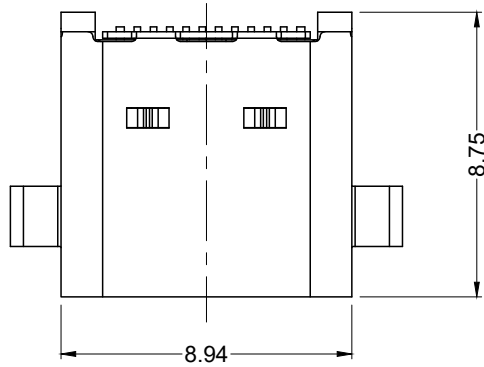




PCB LAYOUT

Materials and Finish

Housing: High Temp Thermoplastic
UL 94V-0 Rated, Black Color

Shield: Stainless Steel, Nickel Plated

Contact Material:

Copper Alloy

Contact plating:

30 Option: 30u" Gold Plated on
Contact Area, Tin Plated on Solder
Tails, All over Nickel Underplate

Electrical Characteristics

Rated Current:

5.0A Collectively For Pins

A4, A9, B4, and B9 (VBUS)

1.25A For pin B5 (VCONN)

6.25A Collectively For Pins

A1, A12, B1, B12, and M.P. (GND)

0.25A For All Other Pins

Rated Voltage: 30V

Insulation Resistance:

100 Megohms Min. at 250V DC

Contact Resistance:

40 milliohms Max.

Dielectric Withstanding Voltage:

100V AC RMS for 1 Minute

Mechanical Characteristics

Insertion Force: 5N - 20N

Withdrawal Force: 6N - 20N

Durability: 10000 Mating Cycles Min.

Operating Temperature:

-55°C to +105°C

Tolerances

X.X ± 0.35

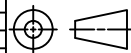
X.XX ± 0.25

Unless Stated

Otherwise

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	02/09/16	New Drawing	H. MA	W. Cook		
A1	05/16/16	Release Drawing	C. Kelleher	N/A	H. MA	11/11/15
A2	12/28/18	ECO #18-074	G. Serrato	D. Shehan		
A3	06/07/21	Add Dims	C. Kelleher	C. Furumasu		
A4	08/27/24	ECO #24-024	C. Kelleher	C. Kelleher		



mm

KUSBX-MM-CS1-B30TR**USB Type-C 3.1 Gen. 2,****Female, SMT, Mid-Mount**