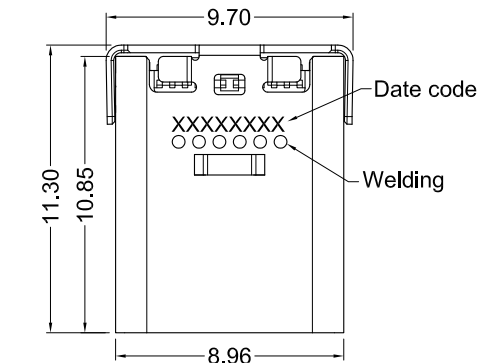
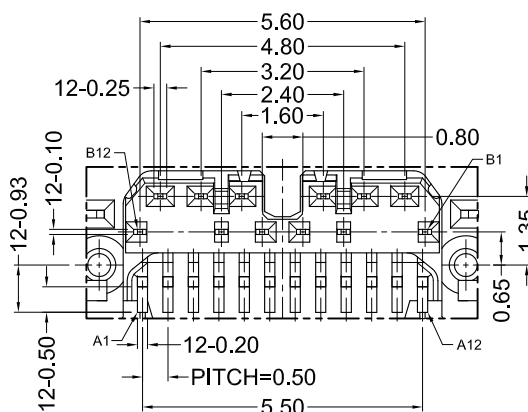
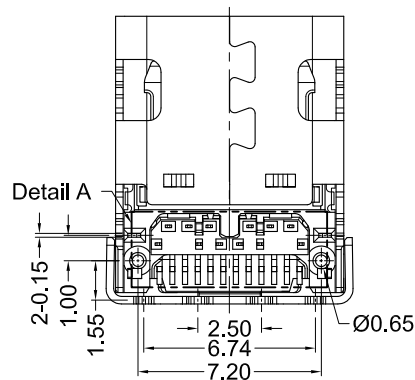
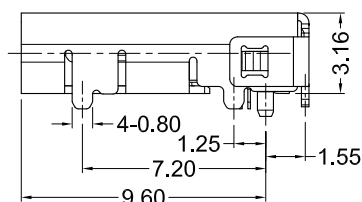
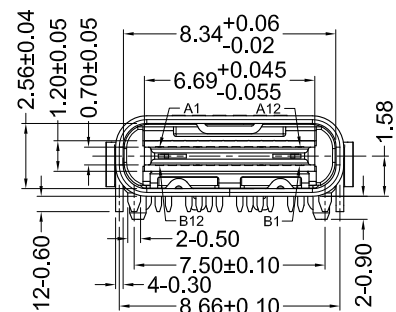
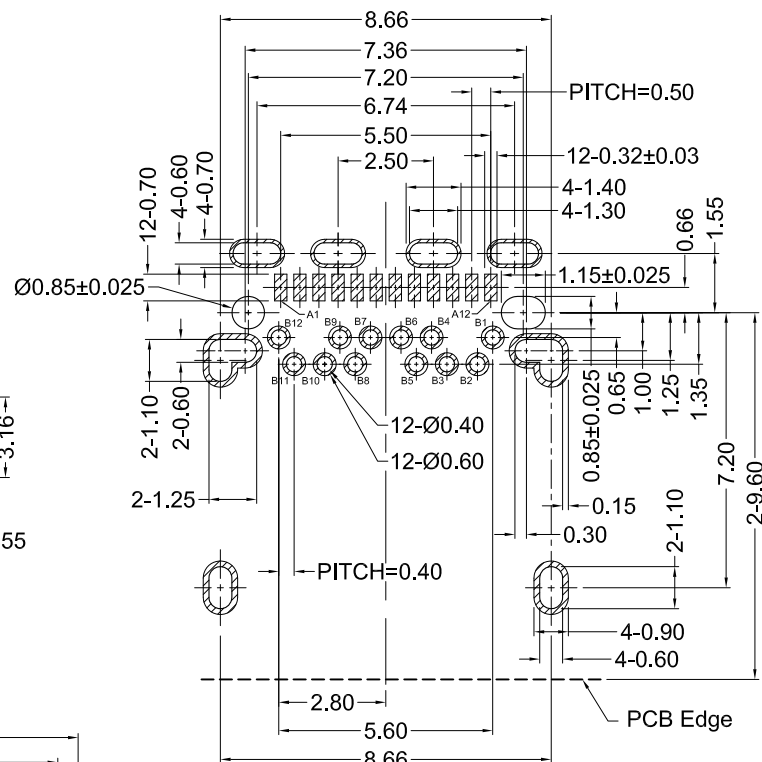


3D Views



Detail A

Recommended PCB Layout
(Top View)**Materials and Finish**

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

Shield: Stainless Steel, Nickel Plated

Contact Material:
Copper Alloy

Contact plating:

Contact Area: 2u" Min Au + 30u" Min
Ni-Pd Over 80u" Min Ni Underplate
Lead Area: 200u" Max Sn

Electrical Characteristics

Rated Current:

5.0A Inclusive (1.25A Ea.) For Pins

A4, A9, B4, and B9 (VBUS)

1.25A For pin B5 (VCONN)

6.25A Inclusive For Pins

A1, A12, B1, and B12 (GND)

0.25A For All Other Pins

Rated Voltage: 30V

Insulation Resistance:

100 Megohms Min. at 100V 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:

-30°C to +85°C

Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	02/16/17	New Drawing	C. Kelleher	W. Cook		
A1	05/11/17	Release Drawing	J. Elbanna	G. Serrato	C. Kelleher	02/09/17

KUSBX-SMTTH-CS1-BTR

Type-C USB 3.1 Socket, SMT & Thru Hole

Leads, High Temp, RoHS Compliant

