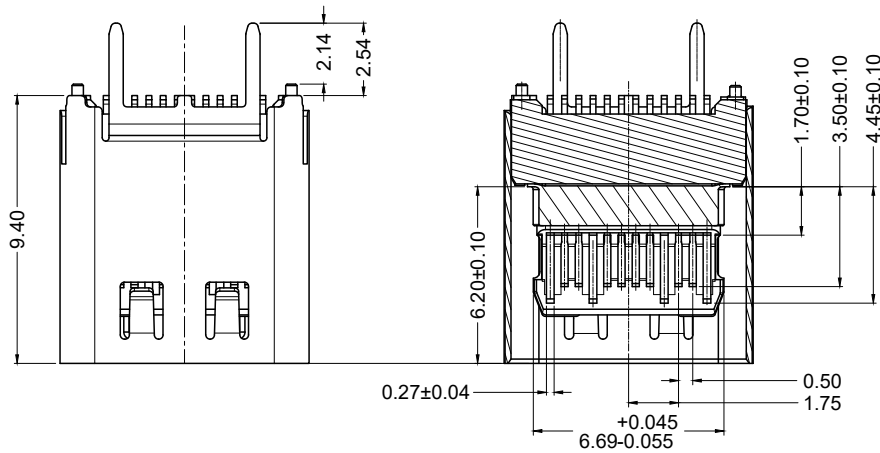
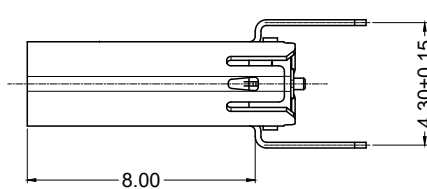
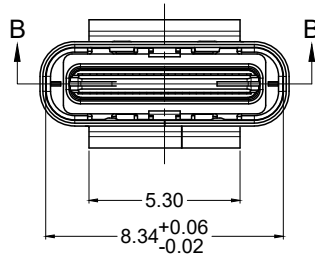
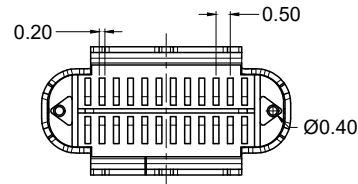
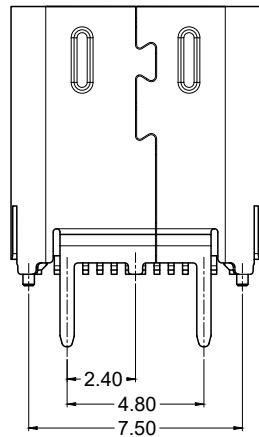




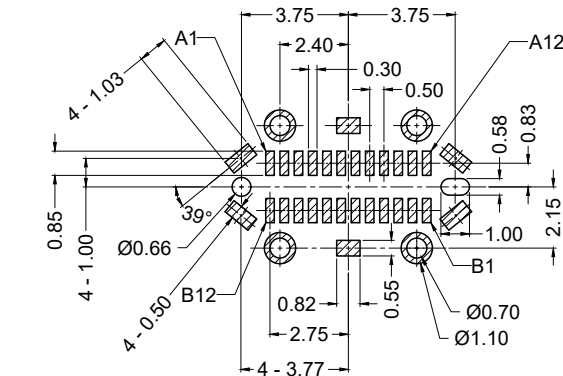
SECTION B-B



PICK UP CAP



3D VIEW



PCB LAYOUT(±0.05)

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12

Materials and Finish

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

Shell: Stainless Steel, Nickel Plated

Contact Material:
Copper Alloy

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

Electrical Characteristics

Rated Current:
5.0 A

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: 0.5 - 2.0 Kgf

Withdrawal Force: 1.5 Kgf MIN

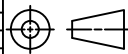
Durability: 10000 Mating Cycles Min.

Operating Temperature:
-55°C to +85°C

RoHS COMPLIANT**Tolerances**

X.X ± 0.25
X.XX ± 0.20
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	06/17/25	New Drawing	K.Wang	C.Kelleher	K.Wang	06/17/25



UNITS
mm

KUSBVX-SMT3-CS-030HRFTRC

USB Type C 3.2 GEN 2 Receptacle, High Retention

Long Shield Pin, Vertical, SMT, T/R, CAP

