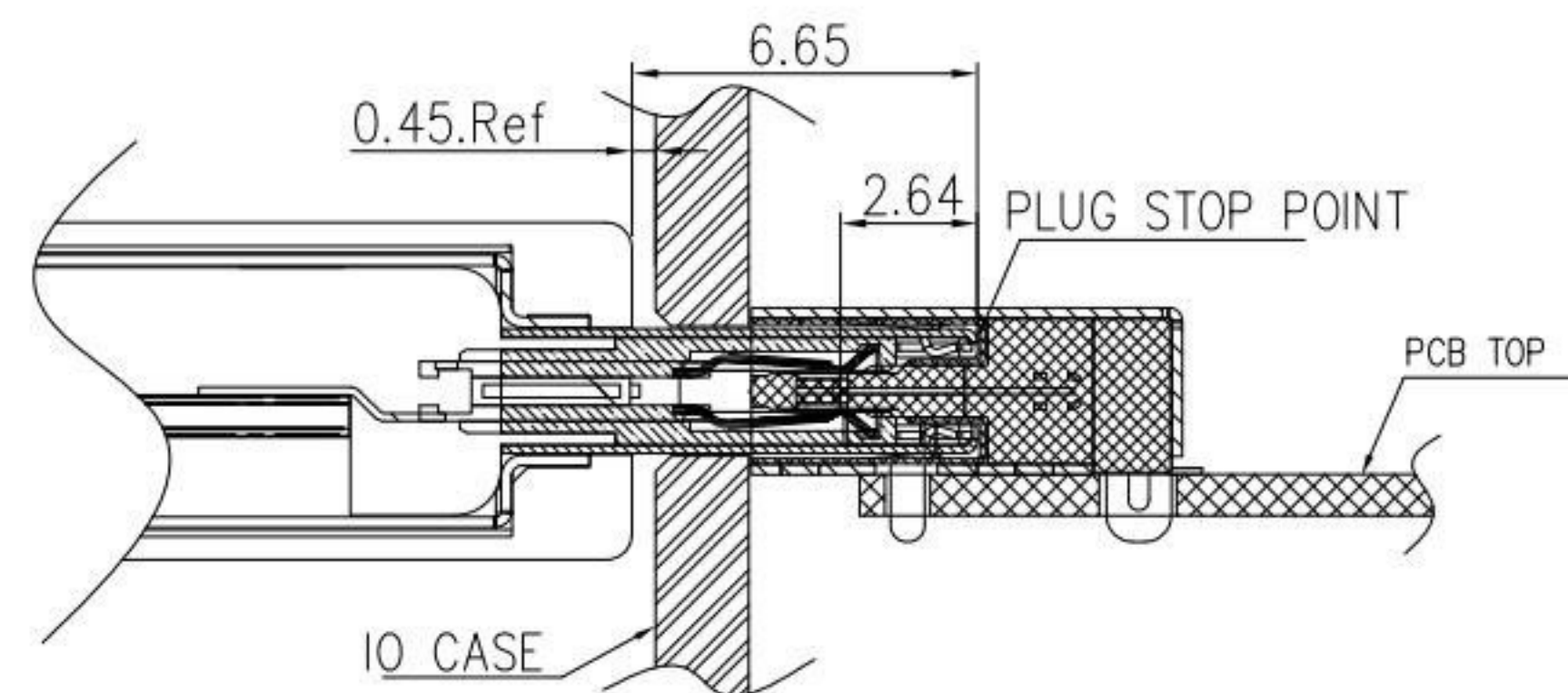
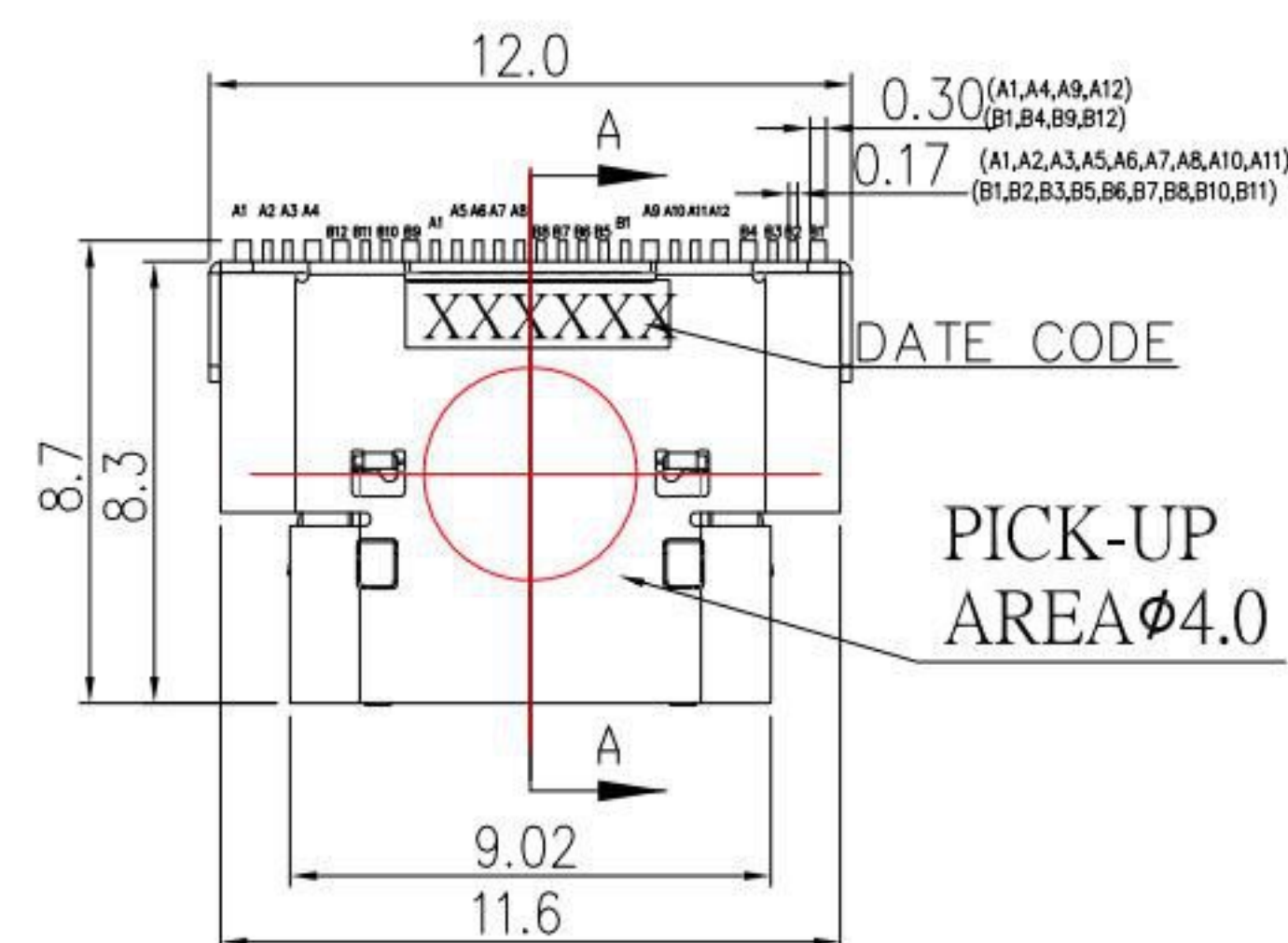
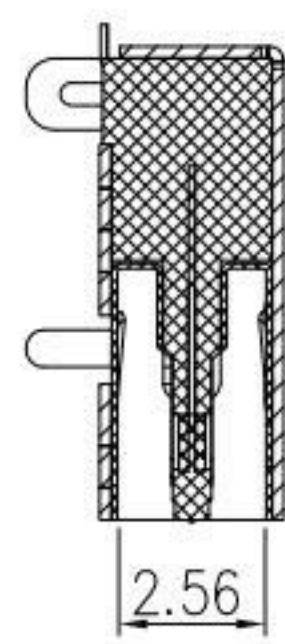
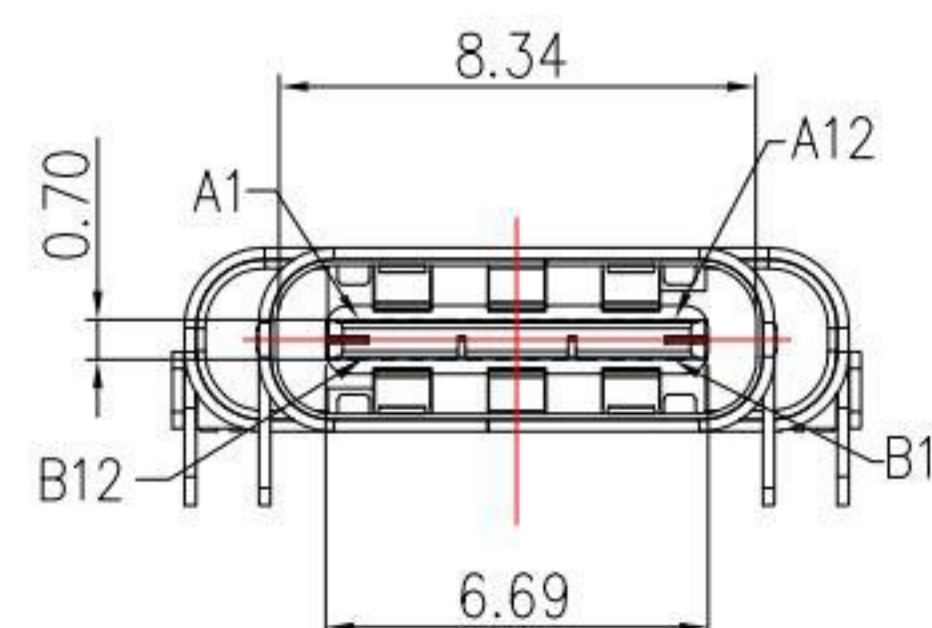
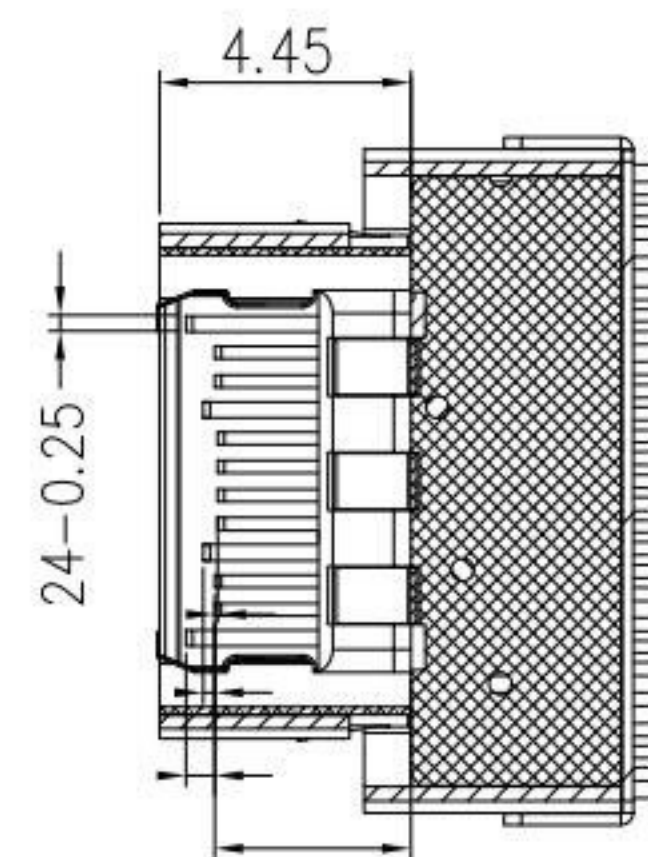




PLUG INTO RECEPTACLE REPRESENT



Section A-A



Section B-B

PIN ASSIGNMENT		
Pin Number	Signal Name	Description
A1	GND	Ground for Power Return
A2	SS TX1+	Positive half of first SuperSpeed TX differential pair
A3	SS TX1-	Negative half of first SuperSpeed TX differential pair
A4	VBUS	POWER
A5	CC1	Configuration Channel
A6	D+	USB2.0 differential pair
A7	D-	USB2.0 differential pair
A8	SBU1	Sideband Use (SBU)
A9	VBUS	POWER
A10	SS RX2-	Negative half of second SuperSpeed RX differential pair
A11	SS RX2+	Positive half of second SuperSpeed RX differential pair
A12	GND	Ground for Power Return
B1	GND	Ground for Power Return
B2	SS TX2+	Positive half of first SuperSpeed TX differential pair
B3	SS TX2-	Negative half of first SuperSpeed TX differential pair
B4	VBUS	POWER
B5	CC2	Configuration Channel
B6	D+	USB2.0 differential pair
B7	D-	USB2.0 differential pair
B8	SBU2	Sideband Use (SBU)
B9	VBUS	POWER
B10	SS RX1+	Positive half of second SuperSpeed RX differential pair
B11	SS RX1-	Negative half of second SuperSpeed RX differential pair
B12	GND	Ground for Power Return

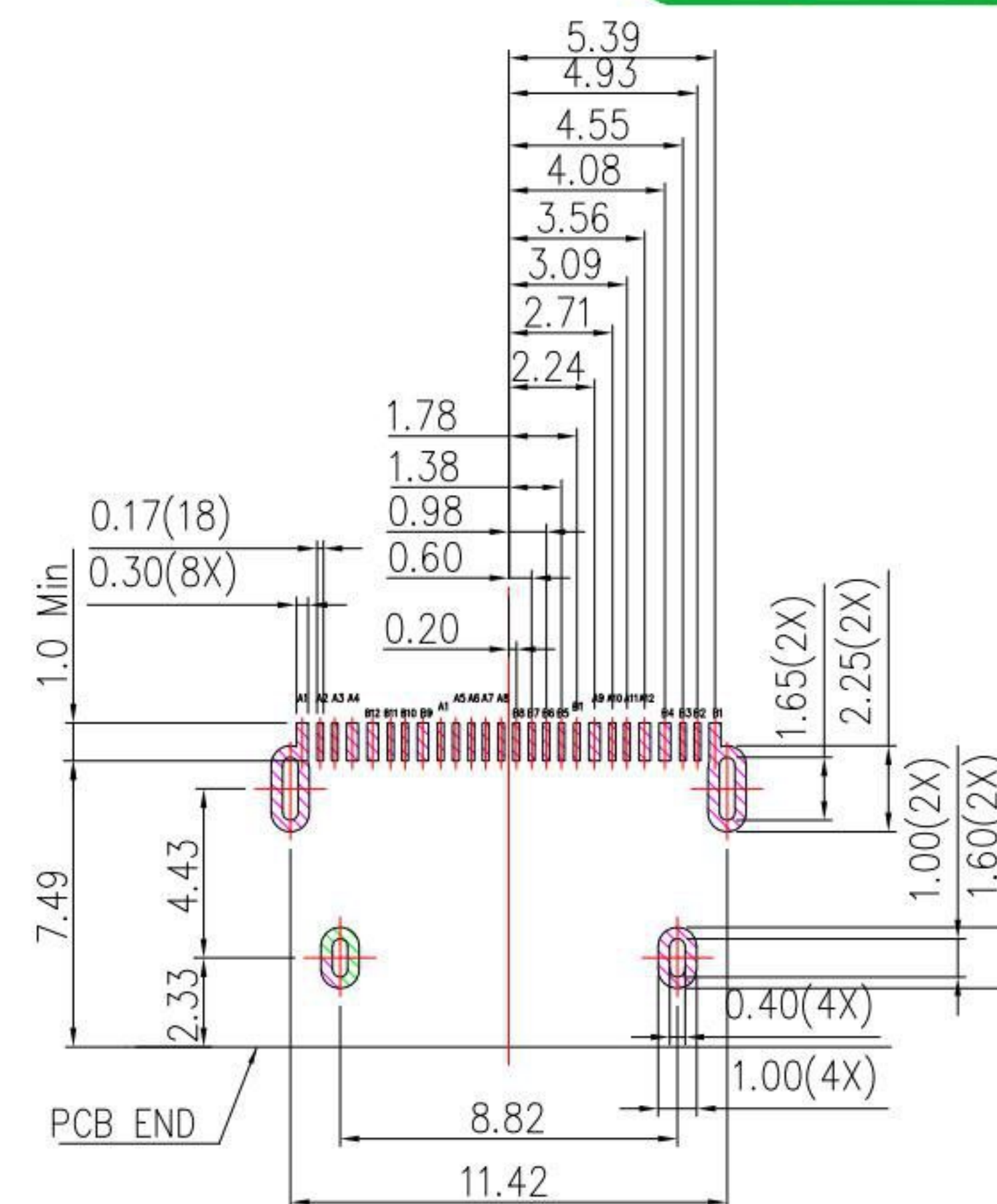
SPECIFICATIONS

Electrical:

- Rating: 1.25A (VBUS and GND) ; 1.0A (OTHER PIN)
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding Voltage: 100V AC

Mechanical:

- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N



P.C.B LAYOUT MOUNTING PATTERN

Material:

- Housing: High Temperature Thermoplastic
- Contact: Copper Alloy
- Shell: Stainless Steel

Finish:

- Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall
- Shell: Nickel under Plated surface layer

KSD 科斯达电子科技有限公司
SWITCH CONNECTOR 全球 互连零组件制造企业
KSD ELECTRONIC TECHNOLOGY Co., LTD

TOLERANCE UNLESS OTHERWISE STATED :
Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°
3RD. ANGEL'S
UNITS MM

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	12/23/22	FINISH	MODLE	USB4 TYPE CF 板上 SMT
CHECKED BY:	DATE	SCALE	DWG NO.	SIZE
Jacky Chen	12/23/22	1 : 1	SBC-240S-45-S338	A4
APPROVED BY:	DATE	SHEET NO.	PART NO.	VER
Tony Kao	12/23/22	1 of 1	SBC-240S-45-S338	R2