



SBC-160M12-20x-S242

鍍層厚度:

Blank	: 1u"
2	: 15u"
3	: 30u"

SPECIFICATIONS

Electrical:

1. Rating: 3.0 A
2. Dielectric Withstand Voltage: 100V AC
3. Contact Resistance: 40 mΩ Max
4. Insulation Resistance: 100 MΩ Min

Mechanical:

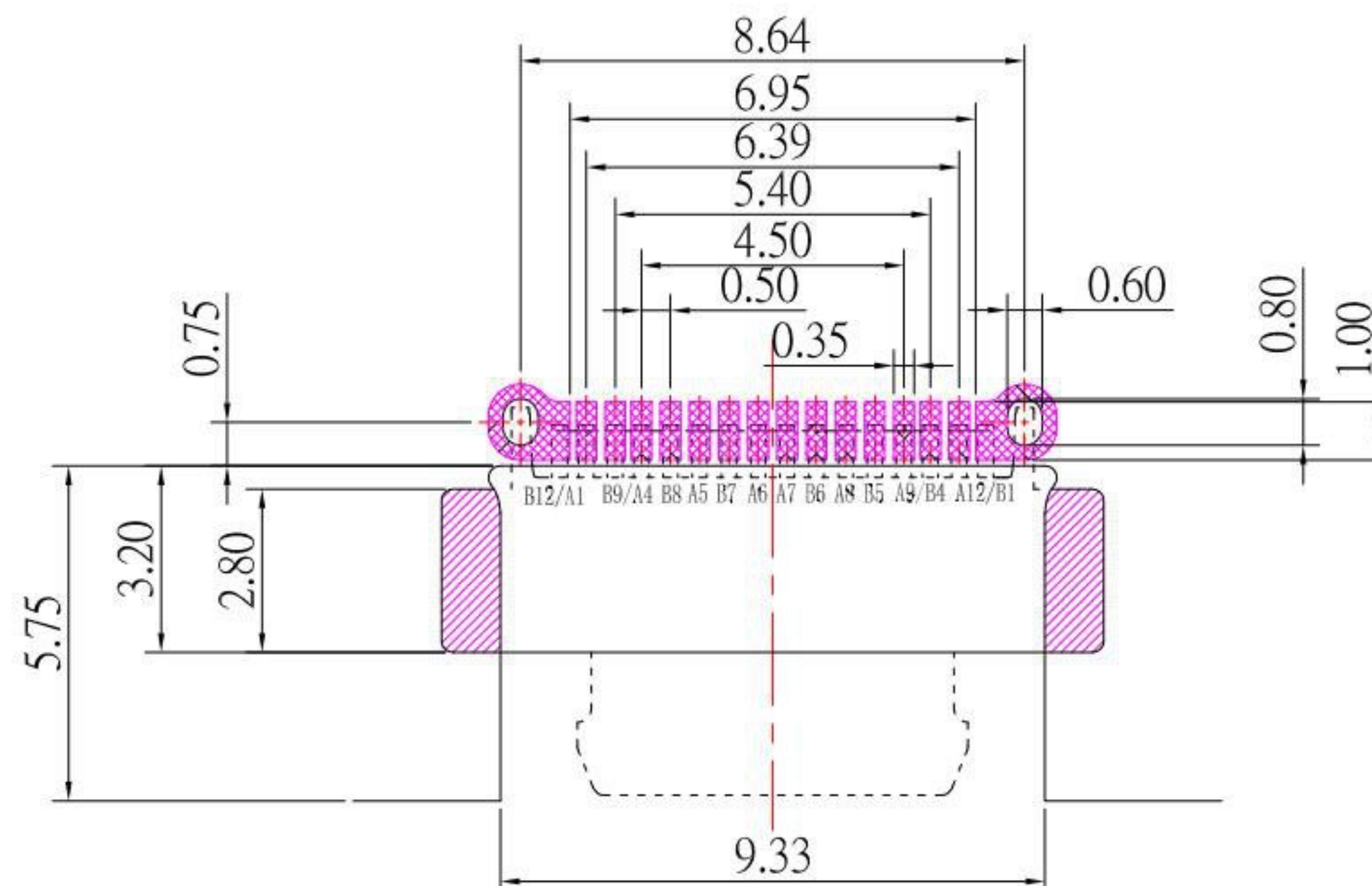
1. Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

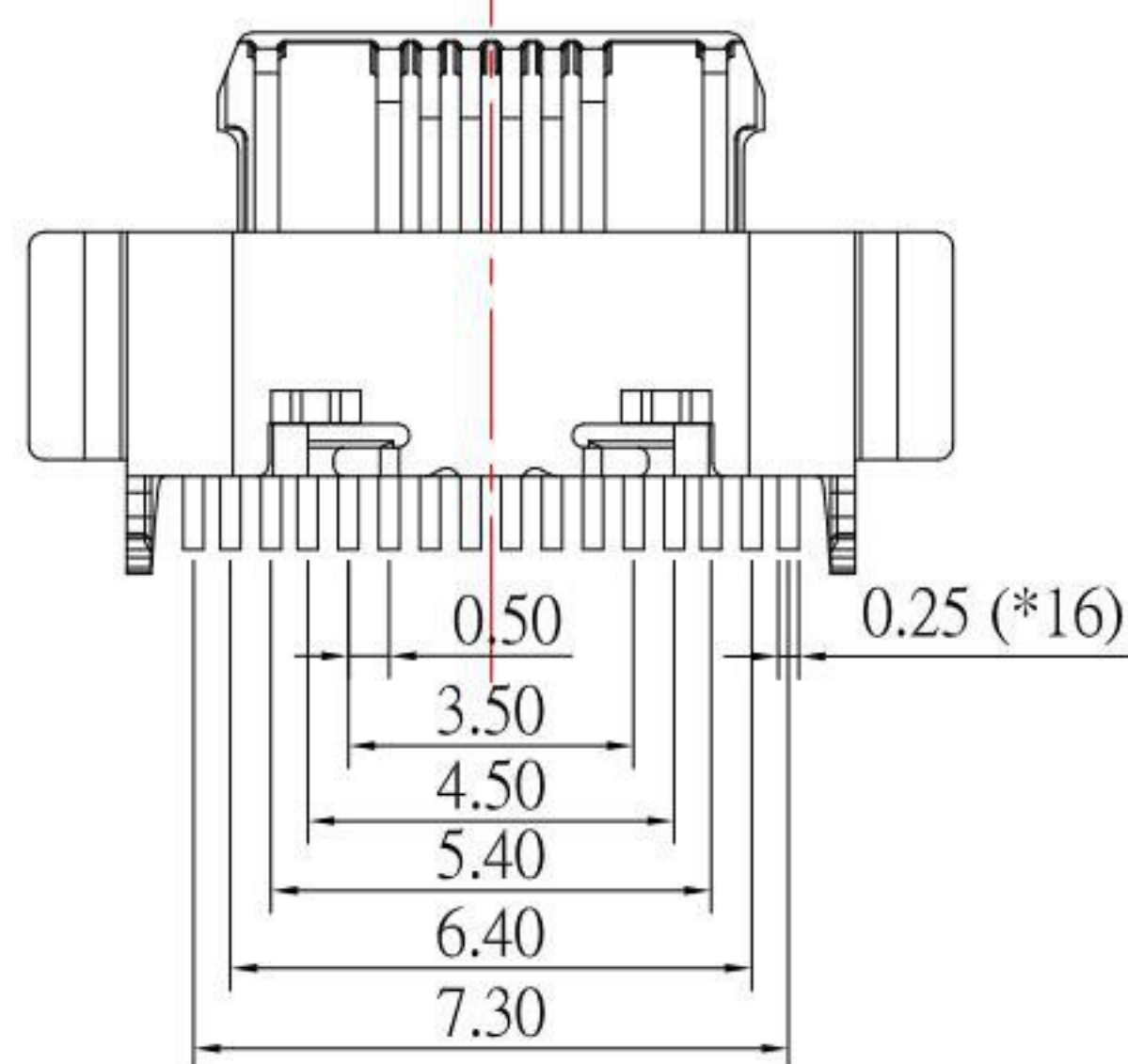
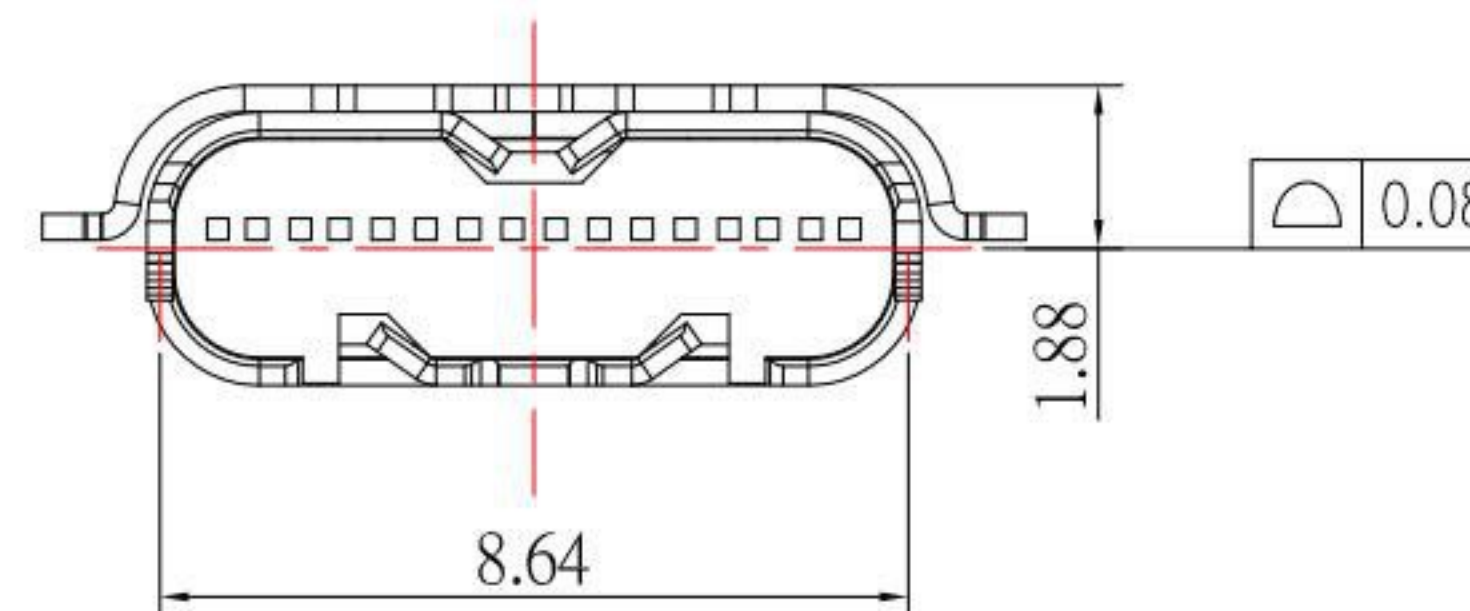
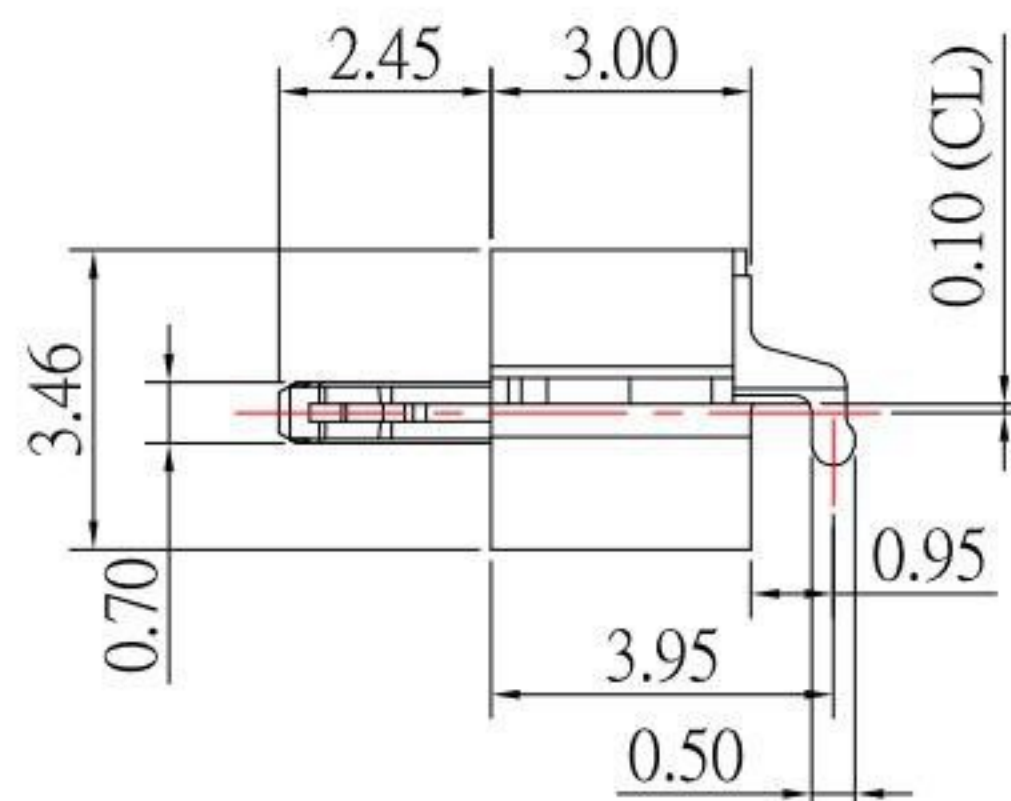
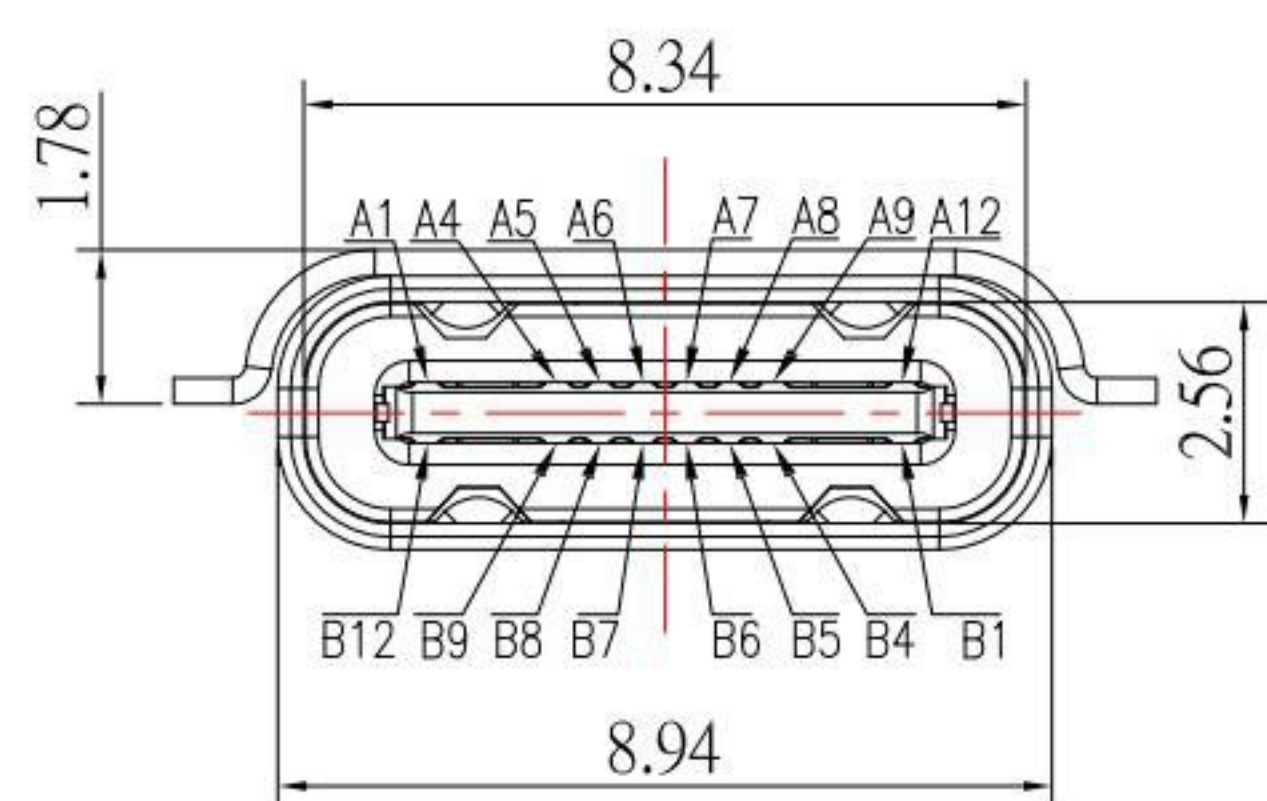
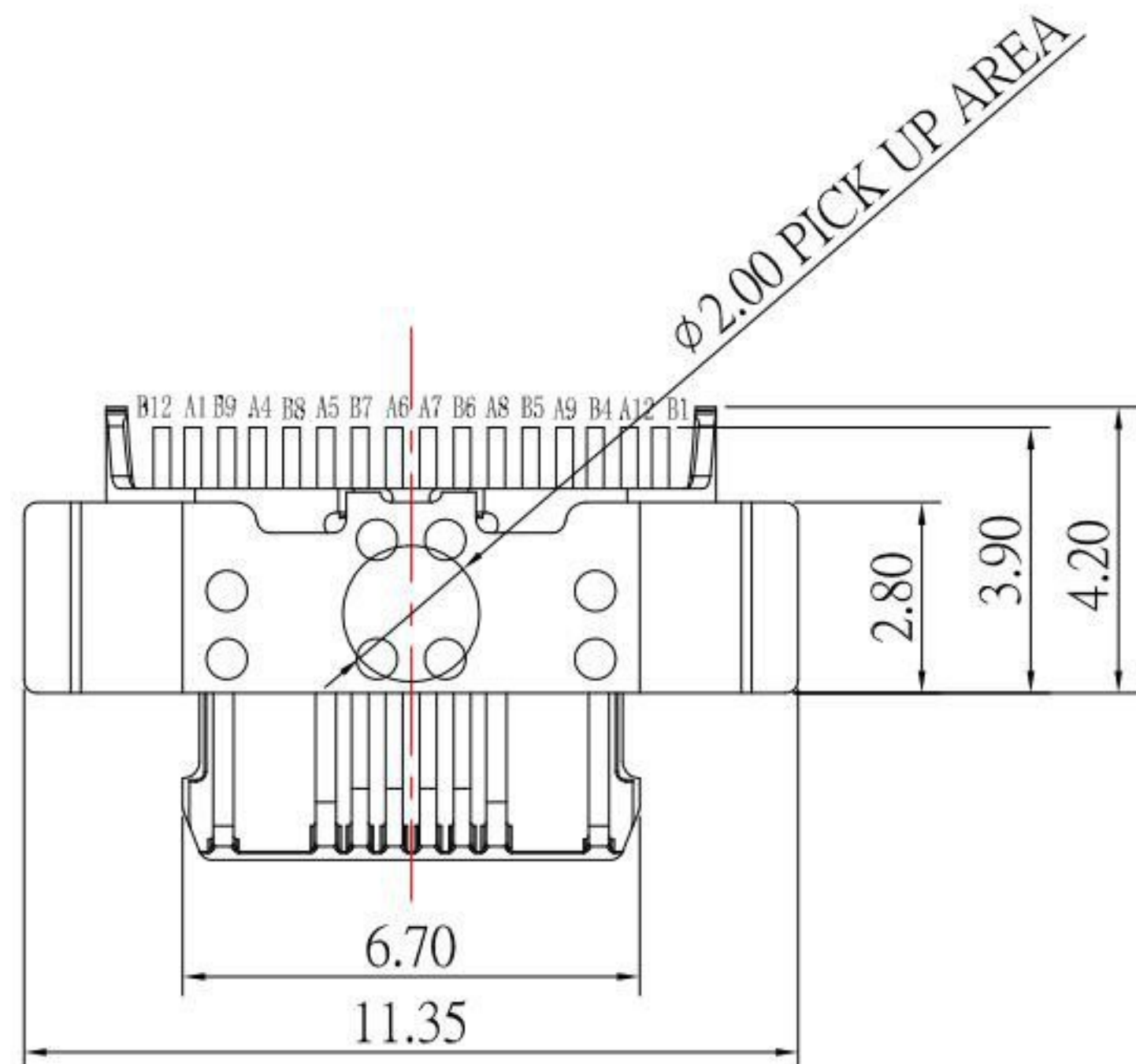
1. Housing: PA46
2. Contact: Copper Alloy
3. Shell: SUS

Finish:

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



RECOMMENDED P.C.B. LAYOUT



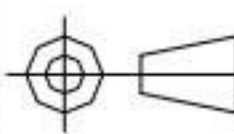
PIN	A1	A4	A5	A6	A7	A8	A9	A12
Signal Name	GND	V _{BUS}	CC1	Dp1	Dn1	SBU1	V _{BUS}	GND
PIN	B12	B9	B8	B7	B6	B5	B4	B1
Signal Name	GND	V _{BUS}	SBU2	Dn2	Dp2	CC2	V _{BUS}	GND

KSD 科斯达电子科技有限公司
SWITCH CONNECTOR KSD ELECTRONIC TECHNOLOGY Co., LTD
全球 互联零组件制造企业

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: Jack Lu
DATE: 11/23/20
CHECKED BY: Jacky Chen
DATE: 11/23/20
APPROVED BY: Tony Kao
DATE: 11/23/20

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB C TYPE 2.0 母座沉板, 板上 H1.78mm
SCALE	1:1	DWG NO.	SBC-160M12-20x-S242
SHEET NO.	1 of 1	PART NO.	SBC-160M12-20x-S242

ITEM NO.	DESCRIPTION	DRAWN	DATE