



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:

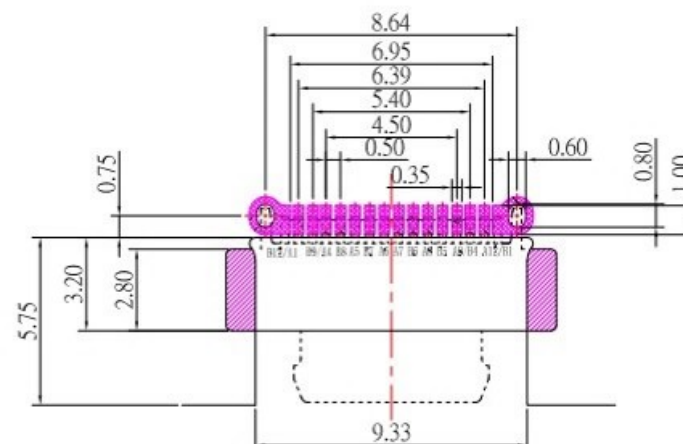
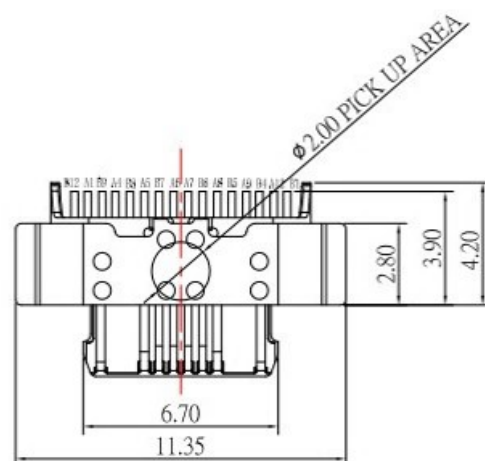
1. Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

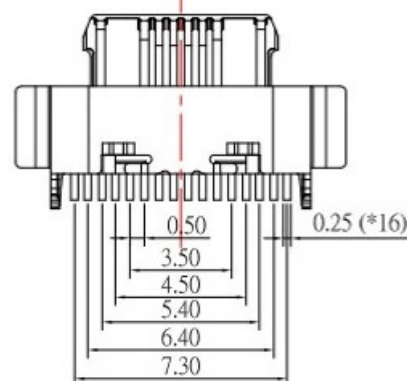
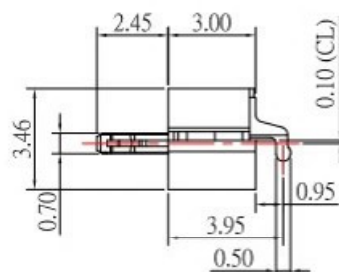
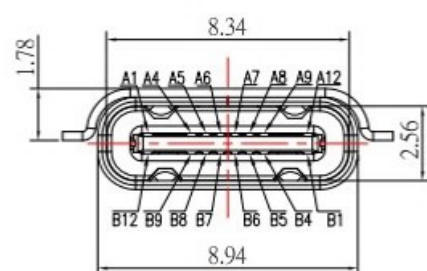
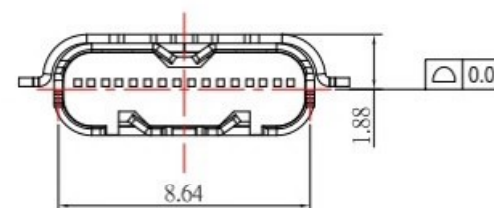
1. Housing: PA46
2. Contact: Copper Alloy
3. Shell: SUS

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



东莞市高迪电子有限公司

Dong Guan KDRR Electronic Switch Jack 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: 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	DWG NO.	SBC-160M12-20x-S242
SHEET NO.	PART NO.	SBC-160M12-20x-S242
		SIZE
		A4
		VER
		R