



SPECIFICATIONS

Electrical:

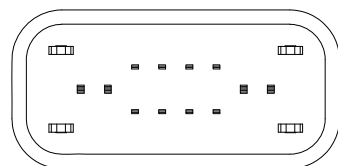
- 1.Rating: 5.0V , 3.0A
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min

Mechanical:

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

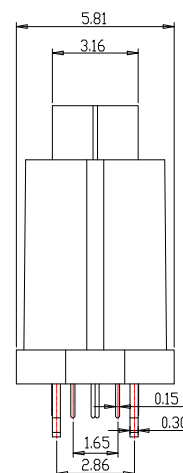
Material:

- 1.Housing: LCP
2.Contact: C7025
3.Shell: SUS
Finish:
1.Contact: Plated Gold in Mating Area ;
Gold Plated on Solder Balls ;
Nickel under plated overall
2.Shell: Nickel under Plated surface layer



— 鍍層厚度：

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



A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



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
Jack Lu	05/24/23
CHECKED BY:	DATE
Jacky Chen	05/24/23
APPROVED BY:	DATE
Tony Kao	05/24/23

MAT'L		TITLE	CONNECTOR	
FINISH		MODLE	USB C TYPE 180 度 2.0 Female H10.2 防水型(IPX7)	
SCALE	1 : 1	DWG NO.	SBC-WP160V3-20x-S412	SIZE A4
SHEET NO.	1 of 1	PART NO.	SBC-WP160V3-20x-S412	VER B1