



**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: 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

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTxp1	Second	B11	SSRxp1	Second
A3	SSTxn1	Second	B10	SSRxn1	Second
A4	V <sub>BS</sub>	First	B9	V <sub>BS</sub>	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V <sub>BS</sub>	First	B4	V <sub>BS</sub>	First
A10	SSRxn2	Second	B3	SSTxn2	Second
A11	SSRxp2	Second	B2	SSTxp2	Second
A12	GND	First	B1	GND	First

**CONTACT** 建倚科技股份有限公司  
**CONTACT TECHNOLOGY CORP.**

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	03/10/22	FINISH	MODLE	USB4 GEN 3 TYPE C/F Mid Mount CH:1.4mm 30u"
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-240M20H-453-S338
Jacky Chen	03/10/22	SHEET NO.	PART NO.	SBC-240M20H-453-S338
APPROVED BY:	DATE			
Tony Kao	03/10/22			

ITEM NO.	DESCRIPTION	DRAWN	DATE