



### SPECIFICATIONS

#### Electrical:

- 1.Current Rating: 1.0A / contact terminal
- 2.Voltage Rating: 30V DC
- 3.Contact Resistance: 50 milliohms Max
- 4.Dielectric Withstanding Voltage: 300 V AC at Sec Level
- 5.Insulation Resistance: 100 MEGA ohms Min

#### Mechanical:

- 1.Connector Mate and Unmate Force  
Mate force: 3.0 kgf (Max)  
Unmate force: 0.7 kgf (Min)
- 2.Terminal Retention: 0.5 kgf (Min)

#### Material:

- 1.Housing: High Temperature Thermal Plastics, UL 94V-0 LCP, Black
- 2.Contact: Phosphor Bronze
- 3.Shell: Brass

#### Finish:

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

P.C.B LAYOUT MOUNTING PATTERN

				<b>科斯达电子科技有限公司</b> SWITCH CONNECTOR 全球 互联零组件制造企业 <b>KSD ELECTRONIC TECHNOLOGY Co., LTD</b>	DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR	
					Jack Lu	02/06/23			MODLE	
				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°	CHECKED BY:	DATE	FINISH	SCALE	DWG NO.	SHEET NO.
					Jacky Chen	02/06/23	1 : 1			
				3RD. ANGEL'S UNITS MM	APPROVED BY:	DATE	1 of 1	MUSB-5B-C3-S175	VER	
ITEM NO.	DESCRIPTION	DRAWN	DATE		Tony Kao	02/06/23			1 of 1	MUSB-5B-C3-S175