

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 20V AC(rms)/DC
Contact Resistance: 40 mΩ Max
Withstanding Voltage: 100V AC r.m.s
Insulation Resistance: 100 MΩ Min/DC 250V
Temperature Range-Operating: -30°C~+85°C

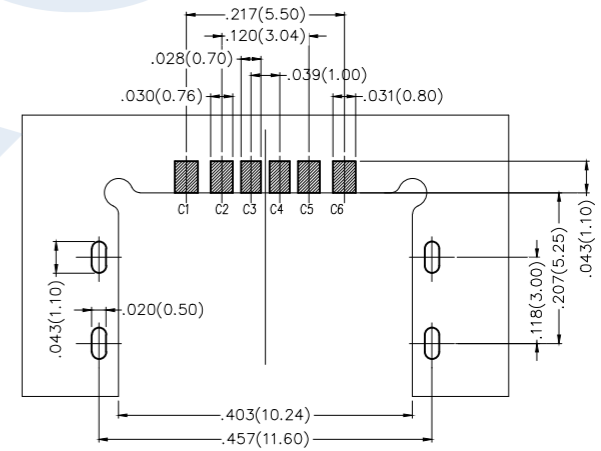
Mechanical

Insertion Force: 5~20N
Withdrawal Force: 8~20N
Durability: 10,000 cycles

Material and Plating

Housing: Thermoplastic (UL 94V-0) Black
Terminal: Copper alloy/ Gold plated in contact area, tin on tail
Shielding plate: Stainless steel/ Nickel plated
Shell: Stainless steel/ Nickel plated
Waterproof ring: silica gel, Black
Ingress protection rating: IPX7



After adding waterproof ring



Recommended P.C.Board Layout

General Tolerances: ±.002(0.05)

Circuits	A1&B12	A4&B9	A5	B5	A9&B4	A12&B1
signal name	GND	VBUS	CC1	CC2	VBUS	GND
P.C.B pad No.	C1	C2	C3	C4	C5	C6

<div></div> <div>THIRD ANGLE PROJECTION</div>		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 09/JUN/18	PART NO. USBC- 1626	ITEM NO. FUS626	<div></div>	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE USB C-type 90° Angle Female(SMT)(3.1)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	09/JUN/18			REV 0	
		X.XX±.006(0.15)	.XX°±1°	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX°±0.5°	KATE	09/JUN/18	KKG Electric Co., Ltd.			

