



SPECIFICATION:

- Material:  
HOUSING&MOLDING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0  
CONTACTS:COPPER ALLOY  
SHELL:SUS304-1/2H,T=0.30
- Mechanical:  
2.1.Mating force:5~20Nf Max.;  
2.2.Unmating force:6~20Nf Min.;  
2.3.Durability:10000 Cycles;
- Electrical:  
3.1.Current Rating:3A Max.;  
3.2.Voltage Rating:20V Max.;  
3.3.Dielectric Withstanding volage:100VAc;  
3.4.Contact resistance:40m Ohms Max.;  
3.5.Insulation Resistance:100M Ohms Min.;
- Environmental:  
4.1.Operating temperature:-40°C~+85°C;  
4.2.Wetting Temperature:265±5°C,5±0.5s

NO.	DIM A	COLOR	镀金1a"	镀金3a"	镀金1a"+雾锡	镀金3a"+雾锡
1	1.3	WHITE	1014-FG001	1014-FH001	1014-FA001	1014-FB001
2		BLACK	1014-FGB01	1014-FHB01	1014-FAB01	1014-FBB01
3	1.8	WHITE	1014-FG002	1014-FH002	1014-FA002	1014-FB002
4		BLACK	1014-FGB02	1014-FHB02	1014-FAB02	1014-FBB02

RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm  
Recommended PCB Thickness:1.0mm~1.2mm

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B7	Dn2
A6	Dp1	B6	Dp2
A7	Dn1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

PART NAME		CONNECTOR		DRAWING	Y.C,ZHANG	DWG.No.	SBICL
PART NO.		TYPE-C 14pin侧插母座后鱼叉脚		CHECK	G.C.Chen	REV.	A1
UNIT :	mm	TOLERANCE	UP TO 5 ±0.2	APPROVAL		DATE	
		OTHERWISE	ABOVE 5~30 ±0.3			SCALE	2:1
			ABOVE 30 ±0.5				
			ANGLE ±3°				