

■ SPECIFICATIONS

- Current Rating : 5.0A
- Voltage Rating : 20.0V
- Insulation Resistance : 100M Ω min.
- Dielectric Withstand Voltage,AC 100V For 1 Minute.
- Temperature Range : -30 $^{\circ}$ C to +80 $^{\circ}$ C
- Insertion Force : 0.5~2.0kgf
- Removal Force : 0.8~2.0kgf
- Durability : 10000 Cycles

■ USB CONNECTOR

- Part No. : GJS-UB31CF SR51-16 BK

①

① Base colour :

BK : Black

• Material :

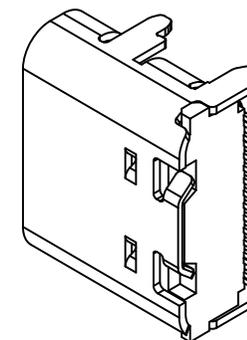
1. Contact : Brass

Plated : Gold flash

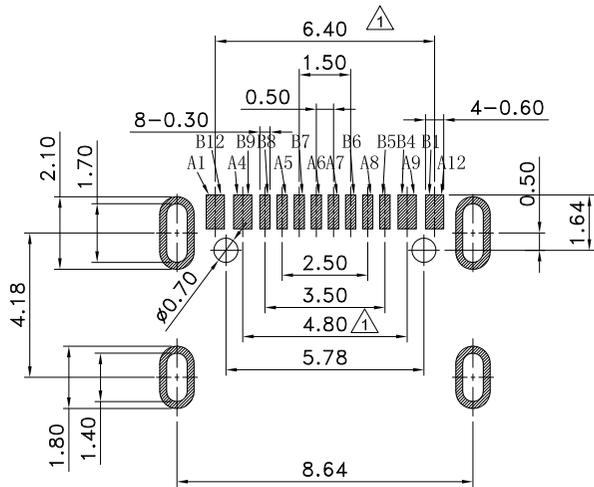
2. Base : LCP+30%GF UL94 V-0,Black

3. Shell : SUS304,Nickel Plated

• Q'ty : 1000 pcs/Reel



 东莞乔唯电子有限公司 DONGGUAN CHYAO WEI ELECTRONIC CO., LTD	APPROVED BY	SCALE	UNIT	TOLERANCE		LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
	張育瑞		mm	.0	± 0.35	△	由于旧模报废, 新开模具, 优化Base结构	曾庆根	2024. 9. 12	△			
PART NO GJS-UB31CF SR51-16BK	CHECKED BY	PROJ	VER NO.	.00	± 0.25	△				△			
	曾慶根		a1	.000	± 0.15	△				△			
SMT & Type C 母座 16PIN	DRAWN BY	DATE	SIZE	ANGLE		△				△		CUSTOMER	
	曾慶根	2021/05/04	A4	0 $^{\circ}$	$\pm 2^{\circ}$	△				△		Conforms to The RoHS Instruction	
			.0 $^{\circ}$	\pm	△				△				
			SHEET	1/2		△							



Recommended PCB Layout
General Tolerance ± 0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



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APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.35	△8	由于旧模报废, 新开模具, 优化Base结构	曾庆根	2024. 9. 12	△8			
CHECKED BY	PROJ	VER NO.	.00 ±0.25	△9				△9			
曾慶根		a1	.000 ±0.15	△10				△10			
DRAWN BY	DATE	SIZE	ANGLE	△4					CUSTOMER		
曾慶根	2021/05/04	A4	0° ±2°	△5					Conforms to The RoHS Instruction		
			.0° ±	△6							
			SHEET 2/2	△7							

PART NO GJS-UB31CF5R51-16BK
SMT & Type C 母座 16PIN