

PIN NUMBER SIGNAL NAME

A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND

## SPECIFICATIONS

- Current Rating : 5.0A
- Voltage Rating : 20.0V
- Insulation Resistance : 100MΩ min.
- Dielectric Withstand Voltage, AC 100V For 1 Minute.
- Temperature Range : -25°C to +85°C
- Insertion Force : 0.5~2.0kgf
- Removal Force : 0.6~2.0kgf
- Durability : 10000 Cycles

## USB CONNECTOR

- Part No. : GJS-UB31CF SR03-16 BK

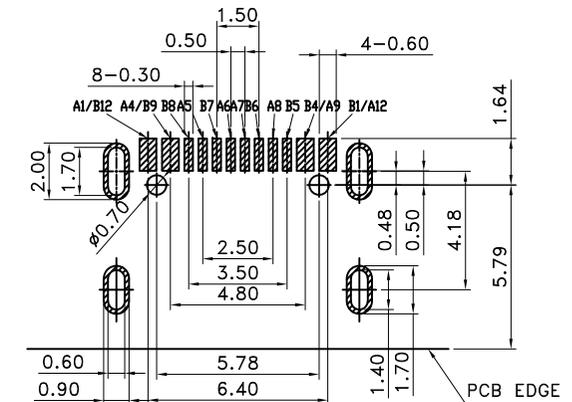
①

① Base colour :

BK : Black

• Material :

1. Contact : 黄铜C2680, 接触区域镀普金, 焊接区镀半金镍
  2. Base : LCP+30%GF UL94 V-0, Black
  3. Shell : SUS304, Nickel Plated
  4. Middle Spring: SUS301
- Q'ty : 1500 pcs/Reel



Recommended PCB Layout

General Tolerance ±0.05



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
张育瑞		mm	.0 ±0.35	△1				△8			
CHECKED BY	PROJ	VER NO.	.00 ±0.25	△2				△9			
曾慶根		a0	.000 ±0.15	△3				△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 1/1	△7							

PART NO GJS-UB31CF SR03-16BK

TYPE-C 16PIN-板上7.4四脚插SMT带双压片