



Recommend PCB Layout

NOTES:

1. Material:
 - Housing: High-Thermoplastic, UL94 V-0 Rated.
 - Color: White.
 - Contact: Brass.
 - Plating: Gold Plating over Nickel(100u") on Contact Area, Tin(80u"~100u") Plating over Nickel(100u") on Solder Tail.
 - Shield: SPCC.
 - Plating: Nickel(100u"~120u") Plating.
2. Mechanical:
 - Insertion Force: 3.57Kgf Max.
 - Withdrawal Force: 0.7Kgf Min.
 - Durability: 5000 cycles
3. Electrical Specification:
 - Current Rating: 1.5Ampere Max per Contact.
 - Contact Resistance: 30mΩ Max.
 - Insulation Resistance: 1000MΩ Min.
 - Dielectric Withstanding Voltage: 500 VAC Min for 1Minute,
4. Environmental:
 - Operating Temperature: -25°C to +75°C

Part Number:

CU2A-R04RSG1-24

USB 2.0 A Type Series
 R: Receptacle
 04: 4Pins
 R: Right Angle

24: Product Number
 0: Black Color
 1: White Color
 G: Gold Flash
 S: SMT Type

| Pin Number | Signal Name |
|------------|-------------|
| 1 | +5V |
| 2 | D- |
| 3 | D+ |
| 4 | GND |

| | | | |
|---|----------|---|------------|
| A | 09/01/15 | RELEASED FOR PRODUCTION | |
| REV | DATE | DESCRIPTION | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE: | | CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE | |
| DECIMALS | ANGLES | APPROVALS | DATE |
| .X ± .38 | ± 3° | DRAWN Chris | 09/01/15 |
| .XX ± .25 | | CHECKED Cindy | 09/01/15 |
| .XXX ± .20 | | APPV Jason | 09/01/15 |
| DO NOT SCALE DRAWING | | SHEET 1 OF 1 | SCALE NONE |
| | | DWG. NO. CU2A-R04-124 | REV. A |



DESCRIPTION USB A Type Receptacle, 4Pins, Right Angle, SMT, Post=5.0mm, With SMT Shielding, White Color