



RECOMMENDED PCB LAYOUT(T=1.00) TOP VIEW

**NOTES:**

**1. Material:**

Housing: High Temperature, Thermoplastic with G.F. UL94V-0  
 Color: Black.  
 Contact: C5191 R-H, T=0.25mm.  
 Plating: Gold Plating over Nickel on Contact Area,  
 Tin Plating on Solder Tail.  
 Shield: Copper Alloy, T=0.40mm.  
 Plating: Nickel Plating.

**2. Mechanical:**

Insertion Force: 3.57Kgf Max.  
 Withdrawal Force: 0.71Kgf Min.

**3. Electrical Specification:**

Current Rating: 1.5Ampere at 30VDC.  
 Contact Resistance: 50mΩ Max.  
 Insulation Resistance: 100MΩ Min.  
 Dielectric Withstanding Voltage: 100 VAC for 1Min.

**4. Environmental:**

Operating Temperature: -30°C to +80°C

**Part Number:**

**CU2N-R05VDG0-TA**

USB2.0 Mini Type  
 R: Receptacle  
 05: 5Pins  
 V: Vertical Type

Product Number  
 TA: Vertical Mini B Type  
 H=9.45mm Height  
 0: Black  
 G: Gold Flash  
 D: DIP Type

A	11/08/07	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	11/08/07
.XX ± .25		CHECKED Cindy	11/08/07
.XXX ± .20		APPV Jason	11/08/07
DO NOT SCALE DRAWING		SHEET 1 OF 1	SCALE NONE
		DWG. NO.	CU2N-R05-T1A
		REV.	A



DESCRIPTION Mini USB B Type, 5Pins, Vertical, DIP Type  
 H=9.45mm Height, G/F Plating, Black