

RECOMMEND PCB LAYOUT

NOTES:

1. Material:

Housing: LCP+50%G.F, UL 94V-0 rated.
 Color: Black.
 Contact: Brass.
 Plating: Gold Plating over Nickel on Contact Area,
 Tin Plating on Solder Tail.
 Shield: Copper Alloy.
 Plating: Nickel Plating.

2. Mechanical:

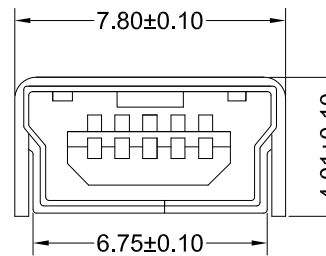
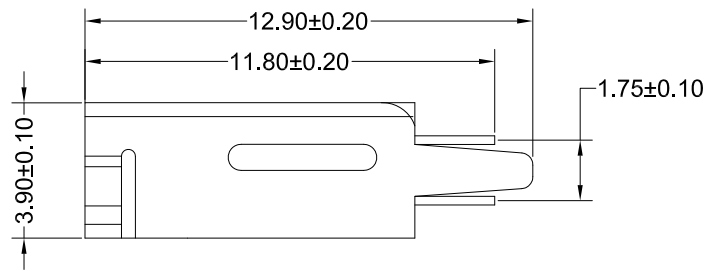
Insertion Force: 35N Max.
 Withdrawal Force: 10N Min Initial, 8-20N after 1000Cycles.
 Durability: 5,000Cycles.

3. Electrical Specification:

Current Rating: 1.0Ampere at 30VDC.
 Contact Resistance: 30mΩ Max Initial, 40mΩ after 1000Cycles.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 100 VAC.

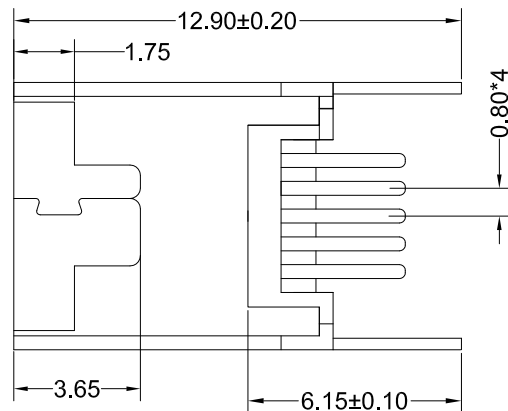
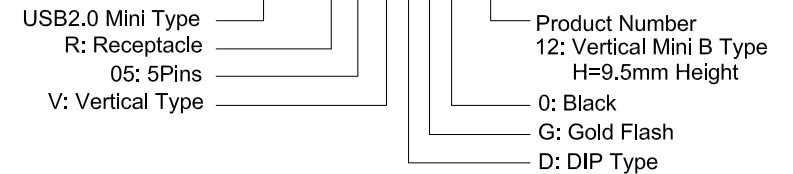
4. Environmental:

Operating Temperature: -55°C to +105°C



Part Number:

CU2N-R05VDG0-12



A	02/24/10	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	02/24/10
.XX ± .25		CHECKED Cindy	02/24/10
.XXX ± .20		APPV Jason	02/24/10
DO NOT SCALE DRAWING		SHEET 1 OF 1	SCALE NONE
		DWG. NO. CU2N-R05-012	REV. A



DESCRIPTION Mini USB B Type, 5Pins, Vertical, DIP Type
 H=9.5mm Height, G/F Plating, Black