



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05mm

NOTE:

1. MATERIAL:

- 1.1 INSULATOR:PBT UL 94V-0
- 1.2 CONTACT:BRONZR (T=0.25mm)
- 1.3 SHELL:SPCC (T=0.30mm)
- 1.4 SHELL:BRASS (T=0.30mm)

2. ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACTRESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V R. M. S.
- 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN
- 2.5 OPERATING TEMPEROTURE:-40° C ~ 85° C

3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:3.57kg MAX
- 3.2 UNMATING FORCE:1.02kg MIN
- 3.3 DURABILITY:MANDATORY:5,000 CYCLES

4. PLATING

- 4.1 TERMINAL:GOLD FLASH ALL OVER 50u" MIN
NICKEL AND 1u"MIN Tin ALL OVER 50u" MIN NICKEL
ON SOLDER AREA
- 4.2 SHELL:150u"MIN.NICEL OVER 20"MIN COPPER

2014/06/06	Jody		Structural changes		A1
2012/03/06	XIE		NEW DWG		A0
DATE	DR.BY	ECN.NO.	DESCRIPTION	MARK	VER.
-TOLERANCES- UNLESS OTHERWISE SPECIFIED			CnC Tech, LLC		
			TITLE: USB 3.0 AF DIP 180度		
X.X	± 0.25	X.X°	± 3.00°	APPD:	PRODUCT NO: 1003-001-0100180
X.XX	± 0.20	X.XX°	± 1.00°	CHECK:	DATE
X.XXX	± 0.15	X.XXX°	± 0.500°	DRAW:	SCALE
			2016/04/06	1:1	UNIT
				mm	TYPE
				Z	PAGE
					1 / 1