



2014/06/06	Jody	Structural changes	A1
2012/03/06	XIE	NEW DWG	A0
DATE	DR:BY	ECN:NO.	DESCRIPTION
-TOLERANCES- UNLESS OTHERWISE SPECIFIED			
X.X ±0.25	X.X' ±3.00'	APPD:	TITLE: USB 3.0 9P A/M ASSEMBLY
X.XX ±0.20	X.XX' ±1.00'	CHECK:	PRODUCT NO: 1003-023-01300
X.XXX ±0.15	X.XXX±0.500'	DRAW:	DATE SCALE UNIT TYPE PAGE
			2012/04/06 1:1 mm Z 1 / 1

CNC Tech, LLC

- NOTE:
1. MATERIAL:
 - 1.1 INSULATOR: PBT +30%GF UL 94V-0
 - 1.2 CONTACT: 4pin BRASS(T=0.20mm) 5pin BRASS(T=0.25mm)
 - 1.3 SHELL: Spc(T=0.30mm)
 2. ELECTRICAL CHARACTERISTICS:
 - 2.1 CONTACT RESISTANCE: 30mΩ Max
 - 2.2 CONTACT CURRENT RATING: 1.5A
 - 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.
 - 2.4 INSULATION RESISTANCE: 100 MEGOHMS Min
 - 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C
 3. MECHANICAL CHARACTERISTICS:
 - 3.1 MATING FORCE: 35 N Max
 - 3.2 UNMATED FORCE: 10 N Min INITIAL: 8 N Min AFTER TEST
 - 3.3 DURABILITY: 5,000 CYCLES
 4. PLATING
 - 4.1 TERMINAL CONTACT: GOLD PLATING ALL OVER 50u" MIN NICKEL AND 80u" MIN Matte Tin ALL OVER 50u" MIN NICKEL IN SOLDER AREA
 - 4.2 SHELL: 50u" MIN. NICKEL ALL OVER