



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05mm

- NOTE:
- MATERIAL:
 - INSULATOR: PBT UL 94V-0
 - CONTACT: BRONZR(T=0.25mm)
 - SHELL: SPCC(T=0.30mm)
 - SHELL: BRASS(T=0.30mm)
 - ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 30mΩ MAXIMUM
 - CONTACT CURRENT RATING: 1.5A
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 V R. M. S.
 - INSULATION RESISTANCE 1000 MEGOHMS MIN
 - OPERATING TEMPERATURE: -40° C ~ 85° C
 - MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 3.57kg MAX
 - UNMATING FORCE: 1.02kg MIN
 - DURABILITY: MANDATORY: 5,000 CYCLES
 - PLATING
 - TERMINAL: GOLD FLASH ALL OVER 50u" MIN NICKEL AND 1u" MIN TIN ALL OVER 50u" MIN NICKEL ON SOLDER AREA
 - SHELL: 150u" MIN. NICKEL OVER 20u" MIN COPPER

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	SDA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	SDA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	SDA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	SDA_SSTX+		
Shield	Shield	CONNECTOR METAL SHELL	FRST

Cnc Tech, LLC

-TOLERANCES-
UNLESS OTHERWISE SPECIFIED

X.X ± 0.25	X.X° ± 3.00°	APPP:	TITLE: USB 3.0 AF DIP180度弯脚
X.XX ± 0.20	X.XX° ± 1.00°	CHECK:	PRODUCT NO: 1003-001-0100180
X.XXX ± 0.15	X.XXX° ± 0.500°	DRAW:	DATE: 2012/04/06
			SCALE: 1:1
			UNIT: mm
			TYPE: Z
			PAGE: 1 / 1