

TOLERANCE: ±0.05, THICKNESS: 1.2mm  
RECOMMENDED PCB LAYOUT  
(TOP VIEW)

NOTE:

1. MATERIAL:

- 1.1 INSULATOR:HIGH TEMPERATURE PLASTIC LCP UL 94V-0;BLUE/BLACK
- 1.2 CONTACT:Phosphor Copper C5210 T=0.20±0.01mm
- 1.3 SHELL:Brass H65 T=0.3±0.01mm

2. ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE:30mΩ Max
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:100 V AC R. M. S.
- 2.4 INSULATION RESISTANCE:100 MEGOHMS Min
- 2.5 OPERATING TEMPERATURE:-25° 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:ALL OVER 50u" MIN NICKEL, CONTACT AREA OF GOLD PLATED AU 1U" MIN, SOLDER AREA OF GOLD PLATED TIN 80U" MIN.
- 4.2 SHELL:50u"MIN. NICEL ALL OVER

5. Materials meet the RoHS requirements

P i #	S I G N A L	D E S C R I P T I O N	M A T I N G S E Q U E N C E
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	S t d A R X S S	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	S t d A R X S S		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	S t d A T X S S	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	S t d A T X S S		
Shell	Shield	CONNECTOR METAL SHELL	FRIST

UNLESS OTHERWISE SPECIFIED TOLERANCES		 <b>Dongguan Fushu Electronic Technology Co.,Ltd</b> Tel:0755-81765247/41 Fax:0769-81765203 www.fscconn.com			
DECIMALS:	ANGLES	TITLE USB 3.0 A F DIP 反向90°			
X. ±0.30	X°. ±2°	Drdwn WENHAIBO	PART NO. 80-USB001-010		
XX ±0.25	XX° ±1°	Checked PETER.LIU	SCALE 1:1	UNIT. mm	PROJ. 
XX ±0.20	XX° ±0.5°	Approved PETER.LIU	SIZE A4	SHEET 1 OF 1	REV. A
X.XXX ±0.10		CUSTOMER COPY			