

REV.	DESCRIPTION	DATE	DWN	APVD
1	PRELIMINARY	03DEC09	JC	BC

**NOTES:**

**\*Material**

Housing: PBT+30%G.F UL94V-0 Color:see table  
 Contact A: Brass; Gold plating over Nickel(40~80u")on contact area; Tin(100~250u") Plating on Solder Tail.  
 Contact B: Phosphor Bronze; Gold plating over Nickel(40~80u") on contact area;Tin(100~250u")Plating on Solder Tail.  
 Shell: Brass; Full Nickel(40~80u") Plating .

**\*Mechanical**

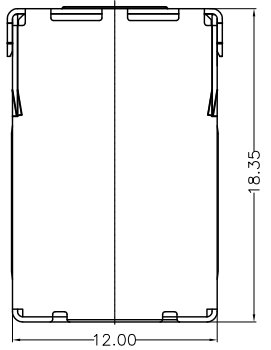
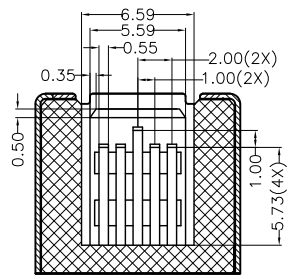
Insertion Force: 35N Max  
 Withdrawal Force: 10N Min  
 Durability: 1500 Cycles

**\*Electrical Specification**

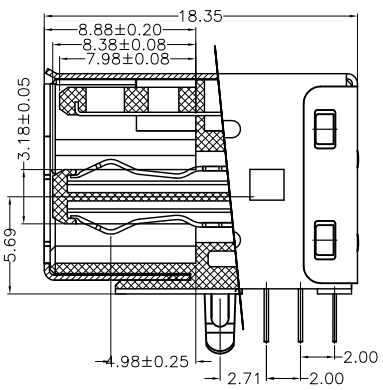
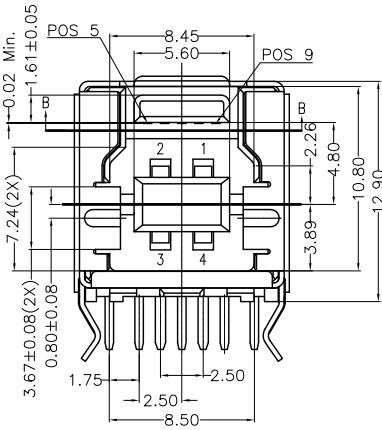
Current Rating: 1.8 Amp  
 Insulation Resistance: 100MΩ Min  
 Contact Resistance: 50mΩ Max  
 Dielectric Withstanding Voltage: 100V AC Min

**\*Environmental**

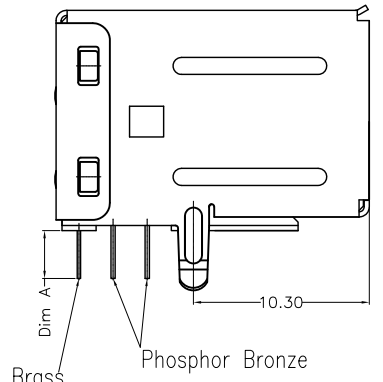
Operating Temperature: -40°C to +85°C.



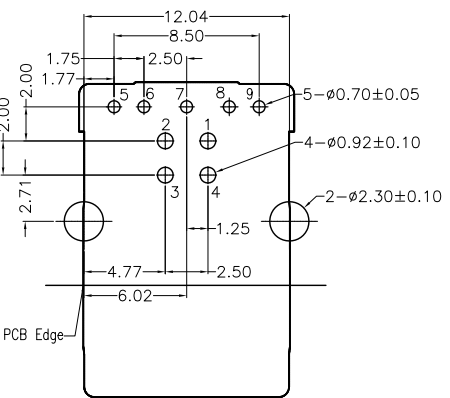
Section B-B



Section A-A

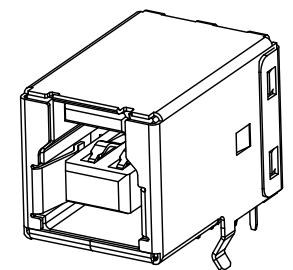


Brass  
Phosphor Bronze



PCB Layout TOP View (T=1.60mm)

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	6	StdB_SSTX+
2	D-	7	GND-DRAIN
3	D+	8	StdB_SSRX-
4	GND	9	StdB_SSRX+
5	StdB_SSTX-		



HOUSING COLOR	DIM. A	MIN. GOLD THICKNESS	PART NUMBER
BLUE	3.30	[30μ"]	J25-0021-12
		[15μ"]	J25-0021-11
		GOLD FLASH	J25-0021-10
BLACK	3.30	[30μ"]	J25-0021-09
		[15μ"]	J25-0021-08
		GOLD FLASH	J25-0021-07
BLUE	2.80	[30μ"]	J25-0021-06
		[15μ"]	J25-0021-05
		GOLD FLASH	J25-0021-04
BLACK	2.80	[30μ"]	J25-0021-03
		[15μ"]	J25-0021-02
		GOLD FLASH	J25-0021-01

TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN JOHN_CHANG 03DEC2009	<b>HAOGUO XING YE SHARE CO.,LTD.</b>			
0 PLC ± -	CHK MARKS_CHEN 03DEC2009	NAME				
1 PLC ± 0.38	APVD BEST_CHANG 03DEC2009	PRODUCT SPEC				
2 PLC ± 0.25	ANGLES ± 3°	APPLICATION SPEC				
3 PLC ± 0.2		SIZE		DRAWING NO		
4 PLC ± -		WEIGHT		RESTRICTED TO		
MATERIAL SEE NOTE		DIMENSIONS: MM		A3 J25-0021		
FINISH SEE NOTE		CUSTOMER DRAWING		SCALE		
PROJECTION		WEIGHT - GRAMS		SHEET 1 of 1		
		DIMENSIONS: MM		REV 1		

USB 3.0 B Type Receptacle

D  
C  
B  
A

D  
C  
B  
A

8 7 6 5 4 3 2 1