

Recommended PCB Layout  
(Bottom View)

### Materials and Finish

Housing: PBT Thermoplastic  
15% Glass Filled  
Color Black  
UL 94V-0 Rated

Terminals: Copper Alloy,  
Tin over Nickel Underplating

### Electrical Characteristics

Contact Resistance:  
Before Test: 50 milliohms Max.  
After Durability Test:  
100 milliohms Max.

Insulation Resistance:  
More than 100 Megohms  
at 500V DC

Dielectric Strength:  
500V AC RMS for 1 minute

Operating Temp:  
-25°C to +85°C

### Mechanical Characteristics

Insertion Force:  
0.4kg - 3.0kg

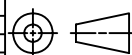
Extraction Force:  
0.3kg - 3.0kg

Durability: 5000 mating cycles



Tolerances	
X.X ± 0.3	
X.XX ± 0.15	
Unless Stated	
Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/22/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/14/05
A1	6/2/06	Release Drawing	H. MA	N/A		
B1	08/12/09	ECO #09-039	S. Vien	H. MA		



UNITS  
mm

**STX-3120-3B**

Stereo Jack, RoHS Compliant

3-Position, Color Black

