



Recommended PCB Layout  
(Bottom View)

### Materials and Finish

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

### Terminals:

Pin 1, 4: Brass, Matte Tin Plated  
Pin 5: Phosphor Bronze  
Matte Tin Plated

### 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
A1	5/11/05	New Drawing	H. MA	C. Furumasu	H. MA	5/11/06
B1	08/12/09	ECO #09-039	S. Vien	H. MA		
B2	11/11/10	ECO #10-078	S. Vien	H. MA		

**STX-3120-3BM**

Stereo Jack, 3 Position, RoHS Compliant

Switch, Color Black

