



Recommended PCB Layout  
(Bottom View)

**Materials and Finish**

Housing: High Temperature Thermoplastic, 15% Glass Filled Orange (Pantone 157C) Color UL 94V-0 Rated

**Terminals:**

Pin 1, 3, 4: Brass, Matte Tin Plated  
Pin 2, 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
A0	11/08/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	11/08/05
A1	6/2/06	Release Drawing	H. MA	N/A		
B1	08/12/09	ECO #09-039	S. Vien	H. MA		
B2	11/11/10	ECO #10-078	S. Vien	H. MA	UNITS	mm
B3	04/28/15	ECO #15-023	W. Cook	H. MA		

**STX-3120-5B-157C**

Stereo Jack, 5 Position, RoHS Compliant

Meets PC99 Spec, Orange Color

