



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: 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
A1	08/12/09	New Drawing	S. Vien	H. MA	S. Vien	07/16/09
A2	11/10/10	ECO #10-078	S. Vien	H. MA		
A3	04/28/15	ECO #15-023	W. Cook	H. MA		
					UNITS	
					mm	

STX-3120-3B-157C

Stereo Jack, 3-Position, RoHS Compliant
Meets PC99 Spec, Orange Color

