



Recommended PCB Layout (Bottom View)

**Material and Finish**

- Body: PBT Thermoplastic  
UL94V-0 rated, Color Black
- Cover: PBT Thermoplastic  
UL94V-0 rated, Color Black
- Bushing: Brass, Nickel Plated
- Terminals and Contacts:  
Phosphor Bronze  
Silver Plated
- Coil Springs: Spring Steel

**Electrical Characteristics**

- Insulation Resistance: 50 Megohms min. at 100V DC
- Contact Resistance:  
30 milliohms Max.
- Dielectric Strength: 500V AC RMS for one minute
- Temperature Rating:  
Operating Temp: -25°C to +80°C

**Mechanical Characteristics**

- Insertion Force: 0.3kg - 3.0kg
- Extraction Force: 0.3kg - 3.0kg
- Durability: 5000 Mating Cycles

Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/13/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/14/05
A2	6/5/06	Release Drawing	H. MA	N/A		
B1	07/24/09	ECO #09-047	S. Vien	H. MA		

**STX-3150-3N**

3.5mm Stereo Jack, 3 Pos., RoHS Compliant  
Non-Threaded, Slim Design With Switch

