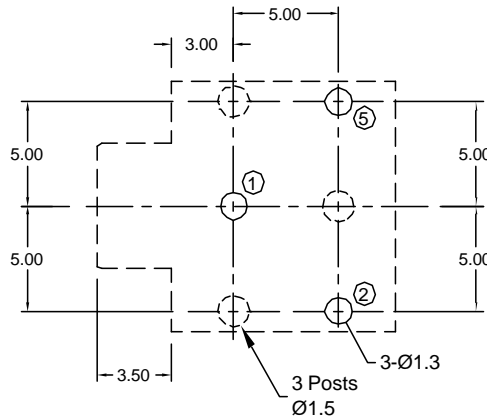


⚠ Level of the solderpin shoulder shall not extend below the level of the plastic stand-offs, to allow part to rest solely on the stand-offs when inserted into PCB



Recommended PCB Layout (bottom view)

**Materials and Finish**

Housing: PBT Thermoplastic  
30% Glass Filled, Black Color  
UL 94V-0 Rated

Terminal:  
Pin #1 : SPCC, Nickel Plated

Pin #5 & Pin #2 Contacts:  
Phosphor Bronze, Tin Plated

Bushing: Brass, Nickel plated

**Mechanical Characteristics**

Insertion Force:  
0.4kg - 2.0kg

Extraction Force:  
0.3kg - 2.0kg

Durability: 5000 mating cycles

**Electrical Characteristics**

Contact Resistance:  
Before Test: 30mohms Max.  
After Durability Test:  
60 mohms Max.

Insulation Resistance:  
More than 100 Megohms  
at 250V DC

Dielectric Strength:  
250V AC RMS for 1 minute

Operating Temp:  
-25°C to +80°C



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/6/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/13/05
A2	11/8/06	ECO #06-046	R. Aguirre	H. MA		

**STX-3100-3N**

Thru-Hole 3.5mm Stereo Jack, RoHS Compliant

3 pos., No Switch, Non-threaded Barrel



UNITS  
mm