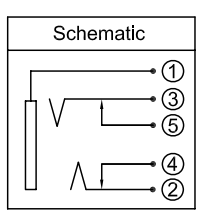


Recommended PCB Layout  
(top view)



**Materials and Finish**

Housing: LCP  
(reflow compatible),  
UL 94V-0 Rated

Terminals: Copper Alloy,  
Gold Flash all over  
Nickel Plating

**Electrical Characteristics**

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

Insulation Resistance:  
More than 100 Megohms  
at 250V DC

Dielectric Strength:  
250V AC RMS for 1 minute

**Mechanical Characteristics**

Insertion Force:  
0.4kg - 2.0kg

Extraction Force:  
0.3kg - 2.0kg

Durability: 5000 mating cycles

Operating Temp:  
-25°C to +85°C

**RoHS COMPLIANT**  
EU Directive 2002/95/EC

**UL**  
LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/22/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/11/05
A1	6/1/06	Release Drawing	H. MA	N/A		
A2	03/24/08	change option	R. Aguirre	H. MA		
A3	12/15/08	ECO# 08-091	S. Vlen	H. MA		

**STX-2550-5NTR**

UNITS  
mm

Stereo Jack, 2.5mm, SMT

All Plastic Body, RoHS Compliant

