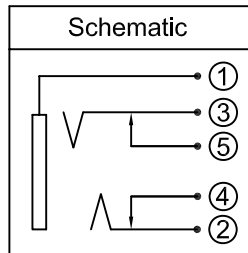


Recommended PCB Layout (top view)



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: 30milliohms 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



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. Vien	H. MA		

STX-2550-5NTR

Stereo Jack, 2.5mm, SMT

All Plastic Body, RoHS Compliant

