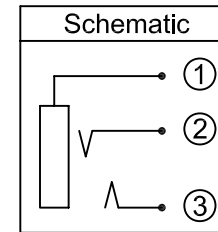


Recommended PCB Layout  
(Top View)



**Materials and Finish**

Housing: High Temp. Thermoplastic,  
Black Color, UL 94V-0 Rated

Terminals: Copper Alloy  
Gold Flash over  
50u" Nickel underplating

**Electrical Characteristics**

Contact Resistance:  
After Durability Test:  
100 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 - 3.0kg

Extraction Force:  
0.3kg - 3.0kg

Durability: 5000 mating cycles

Operating Temp:  
-25°C to +85°C

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

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/22/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/08/05
A2	12/7/05	Add Solder temp	H. MA	C.Furumasu		
A3	6/1/06	Release Drawing	H. MA	N/A		
A4	2/28/08	Correct TR part number	H. MA	N/A		
A5	12/12/08	ECO# 08-091	S. Vien	H. MA		

**STX-2500-3N-GTR**

Stereo Jack, 2.5mm, SMT, RoHS Compliant

All plastic body, Gold Flash Plating

