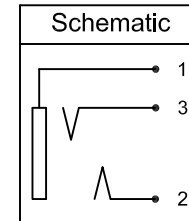


Recommended PCB Layout  
(Top View)



**Materials and Finish**

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

Contact Material:  
Copper Alloy, Silver Plating  
all over Nickel Underplating

**Electrical Characteristics**

Rated Voltage: 16 V DC

Rated Current: 0.3A

Insulation Resistance:  
100 Megohms at 500V DC

Contact Resistance:  
50 milliohms Max.

Dielectric Withstanding Voltage:  
500V AC RMS for 1 Minute

**Mechanical Characteristics**

Insertion Force: 3.0kg Max.  
Withdrawal Force: 0.2kg Min.  
Durability: 5000 Mating Cycles Min.  
Operating Temperature:  
-25°C to +85°C



Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/29/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/14/05
A1	07/11/06	Release Drawing	R. Aguirre	H. MA		
A2	01/17/11	ECO #10-102	S. Vien	H. MA		
A3	09/21/12	ECO #12-053	S. Vien	P. DalCanto		
A4	07/16/15	ECO #15-034	H. MA	W. Cook		

**STX-3501-3N**

Stereo Jack, 3 Position, RoHS Compliant

All Plastic Body, Right Angle, Thru Hole

