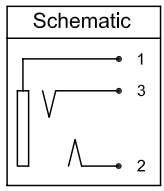


Recommended PCB Layout (Top View)



**Materials and Finish**

Housing: LCP, Black Color  
UL 94V-0 Rated  
Terminals: Copper Alloy,  
Silver Plating all over  
Nickel Underplating

**Mechanical Characteristics**

Insertion Force:  
3.0kg Max.  
Extraction Force:  
0.2kg Min.  
Durability: 5000 mating cycles

**Electrical Characteristics**

Contact Resistance:  
Before Test: 50 milliohms Max.  
After Durability Test:  
100 milliohms Max.  
Rated Voltage:  
16 V DC  
Rated Current:  
0.3A  
Insulation Resistance:  
100 Megohms Min.  
at 500V DC  
Dielectric Strength:  
500V AC RMS for 1 minute  
Operating Temp:  
-25°C to +85°C

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

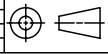


Tolerances	
X.X ± 0.3	
X.XX ± 0.2	
Unless Stated	Otherwise

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. Vlen	H. MA		

**STX-3501-3N**

Stereo Jack, 3 position, RoHS Compliant  
All Plastic Body, Rt. Ang., Thru Hole



UNITS  
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