

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.

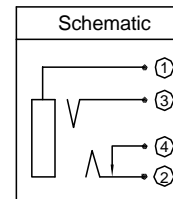
Rated Voltage:  
16 V DC

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



Part Number	Packaging
ST-3501-4N	Bulk
ST-3501-4N-TR	Tape and Reel

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



REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
A2	11/5/02	ECD #02-119	J. Wong	H. MA	mm
B1	02/24/04	ECD #04-014	REVISED BY	CHECK DATE	DATE
B2	07/18/05	ECD #05-032	R. Acuirre	7/18/05	11/22/00

ST-3501-4N

3.5mm Stereo Jack, 4 position

All Plastic Body, Rt. Ang, Thru Hole

