

Recommended PCB Layout  
(Bottom View)

## Materials and Finish

Housing: PBT Thermoplastic  
15% Glass Filled, Black  
UL 94V-0 Rated

### Jack Terminals:

Pin #1: Brass, Nickel Plated

Pin #5 and Pin #2:  
Phosphor Bronze,  
Matte Tin Plated

Pin #3 and Pin #4:  
Brass, Matte Tin Plated

### Slide Switch Terminals:

Brass, Silver Plated

## Electrical Characteristics

Contact Resistance:  
Before Test: 50mohms Max.  
After Durability Test:  
100 mohms Max.

Insulation Resistance:  
More than 100 Megohms  
at 500V DC

Dielectric Strength:  
500V AC RMS for 1 minute

Operating Temp:  
-25°C to +85°C

## Mechanical Characteristics

Insertion Force:  
0.4kg - 3.0kg

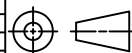
Extraction Force:  
0.3kg - 3.0kg

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



Tolerances
X.X ± 0.3
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/6/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/11/05
B1	07/24/09	ECO #09-046	S. Vien	H. MA		
B2	07/14/11	ECO #11-033	S. Vien	P. DalCanto		
B3	06/04/13	ECO #13-028	W. Cook	P. DalCanto		



UNITS  
mm

**STX-3100-11N**

Ø3.5mm Stereo Jack, Male, RoHS Compliant

With Double Throw, Double Pole Switch



# Mouser Electronics

Authorized Distributor

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[STX-3100-11N](#)