

Recommended PCB Layout  
(Bottom View)

## Materials and Finish

Housing: Nylon 6T Thermoplastic  
30% Glass Filled, Black  
UL 94V-0 Rated

Terminals: Copper Alloy,  
100u" Tin over  
100u" Nickel plating

## Mechanical Characteristics

Insertion Force:  
0.3kg - 3.0kg

Extraction Force:  
0.2kg - 3.0kg

Durability: 5000 mating cycles

## Electrical Characteristics

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

Insulation Resistance:  
More than 100 Megohms  
at 250V DC

Dielectric Strength:  
250V AC RMS for 1 minute

Operating Temp:  
-25°C to +80°C

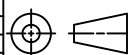
**PRELIMINARY**  
PART IN DESIGN  
SPECIFICATION SUBJECT TO CHANGE

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



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/22/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/07/05
A2	01/16/13	ECO #12-063	S. Vien	P. DalCanto		



UNITS  
mm

**STX-0402-AS**

Stereo Jack, Right Angle, RoHS Compliant

2.5mm, Through Hole



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