



PCB LAYOUT
(BOTTOM VIEW)

Materials and Finish

Housing: PBT Thermoplastic
30% Glass Filled, Black
UL 94V-0 Rated

Terminal:

Pin #1 : SPCC, Nickel Plated

Pin #5 & Pin #2 Contacts:
Phosphor Bronze, Tin Plated

Pin #3 and Pin #4 terminals:
Brass, tin plated

Bushing: Brass, Nickel plated

Mechanical Characteristics

Insertion Force:
0.4kg - 3.0kg

Extraction Force:
0.4kg - 3.0kg

Durability: 5000 mating cycles

Electrical Characteristics

Rated Voltage:
16 V DC

Rated Current:
0.3 A

Contact Resistance:
Before Test: 30mohms Max.
After Durability Test:
60 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

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	9/6/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/13/05
A2	12/7/05	ECO#05-068	H. MA	C. Furumasa		
A3	11/8/06	ECO 06-046	R. Aguirre	H. MA		
A4	07/22/09	ECO #09-058	S. Vien	H. MA		

STX-3100-5N

3.5mm Stereo Jack, RoHS Compliant

One Single Throw Double Pole Switch

