



PCB LAYOUT  
(BOTTOM VIEW)

**Materials and Finish**

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

Terminals: Phosphor Bronze,  
100u" Tin over  
100u" Nickel plating

**Mechanical Characteristics**

Insertion Force:  
0.4kg - 2.0kg

Extraction Force:  
0.3kg - 2.0kg

Durability: 5000 mating cycles

**Electrical Characteristics**

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

**Tolerances**

X.X ±0.2  
X.XX ±0.1  
ANG. ±2°

Unless Stated  
Otherwise

CSA NRTL/C Certified File No. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
A1	10/25/00	ECD #00-166	C. Leiva	C. Leiva	mm
A2	4/5/02	ECD #01-128	REVISED BY	REV CHECK DATE	DATE
A3	7/25/03	ECD #03-036	T. Gokcek	7/28/03	3/23/98

ST-3100-5N

3.5mm Stereo Jack

One Single Throw Double Pole Switch

