



Recommended PCB Layout
(Bottom View)

Materials and Finish

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

Terminals:

Pin #1: Brass, Nickel Plated
Pin #5 & Pin #2:
Phosphor Bronze, Matte Tin Plated
Slide Switch Terminals:
Brass, Silver Plated

Bushing: Brass, Nickel Plated

Electrical Characteristics

Rated Voltage: DC 24 V

Rated Current: 3.0 A

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: 0.3kg - 3.0kg

Extraction Force: 0.3kg - 3.0kg

Durability: 5000 Mating Cycles Min.

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	07/13/05
B1	03/23/10	ECO #10-008	S. Vien	H. MA		
B2	07/14/11	ECO #11-033	S. Vien	P. DalCanto		UNITS
B3	06/04/13	ECO #13-028	W. Cook	P. DalCanto		
B4	04/12/18	ECO #18-017	J. Elbanna	C. Kelleher		
B5	04/19/19	ECO #19-035	C. Kelleher	D. Shehan		

STX-3100-9C

Stereo Jack, for Ø3.5mm Plugs, RoHS Compliant

W/Double Throw, Double Pole Switch, Threaded Barrel

