



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
Pin #3 & Pin #4:
Brass, Matte Tin 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
A2	11/8/06	ECO 06-046	R. Aguirre	H. MA		
A3	06/02/08	Add Nut Info.	S. Vien	H. MA		
A4	07/14/11	ECO #11-033	S. Vien	P. DalCanto		
A5	08/14/18	Update Address	D. Shehan	N/A		
A6	04/22/19	ECO #19-035	C. Kelleher	D. Shehan		

STX-3100-5CB

UNITS
mm

3.5mm Stereo Jack, RoHS Compliant
One Single Throw Double Pole Switch, with Backplate

