

Recommended PCB Layout

Materials and Finish

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

Terminals:

Pin#1: SPCC, Tin plated
Pin#2: Phosphor Bronze, Tin plated
Pin#3: Brass, Tin plated

Bushing: Brass
Nickel plated

Mechanical Characteristics

Insertion Force:
0.4kg - 3.0kg

Extraction Force:
0.3kg - 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 500V DC

Dielectric Strength:
500V AC RMS for 1 minute

Operating Temp:
-25°C to +85°C

Tolerances

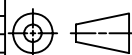
X.X ± 0.25
X.XX ± 0.15
Unless Stated
Otherwise

RoHS COMPLIANT
EU Directive 2002/95/EC



US
LR78160

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/30/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/14/05
A1	6/1/06	Release Drawing	H. MA	N/A		
A2	06/02/08	Add Nut Info.	S. Vien	H. MA		



UNITS
mm

STX-3900-3CP

3 Position Stereo Jack, RoHS Compliant

With Threaded Bushing & Panel Stop



Mouser Electronics

Authorized Distributor

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[STX-3900-3CP](#)