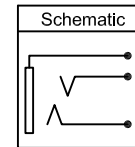


Recommended PCB Layout (Bottom View)



Material and Finish

Body: PBT Thermoplastic
UL94V-0 rated
color - black

Bushing: Brass, Nickel Plated

Nut: Brass, Nickel Plated

Terminals: Copper Alloy, Matte Tin Plated

Mechanical Characteristics

Insertion Force: 0.3kg - 3.0kg

Extraction Force: 0.3kg - 3.0kg

Durability: 5000 Mating Cycles

Electrical Characteristics

Insulation Resistance:
Shall not be less than 50 Megohm
between any open terminal

Withstanding Voltage:
Shall withstand 500V RMS between
any open terminal for 1 minute

Contact Resistance:
Shall not exceed 0.03 ohms

Operating Temperature:
-25°C to +80°C

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	1/11/18	New Drawing	J. Elbanna	G. Serrato		
A1	1/18/18	Release Drawing	J. Elbanna	G. Serrato	J. Elbanna	1/11/18
A2	10/22/19	ECO #19-069	G. Serrato	D. Shehan		

STPX-3501-3C-1

Panel Mount Stereo Jack

Ø3.5mm, 3 positions

