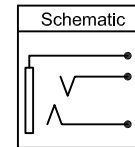


Recommended PCB Layout (Bottom View)



**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	J. Elbanna	1/11/18

**STPX-3501-3C-1**

Panel Mount Stereo Jack

Ø3.5mm, 3 positions



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