

Materials and Finish

Housing: High Temperature Thermoplastic, UL 94V-0 Rated, Black Color

Contact Material:

Phosphor Bronze, Gold Plating all over Nickel Underplating

Electrical Characteristics

Rated Voltage: 12 V DC

Rated Current: 1A

Insulation Resistance:

100 Megohms at 500V DC

Contact Resistance:

30 milliohms Max.

Dielectric Withstanding Voltage:

500V AC RMS for 1 Minute

Mechanical Characteristics

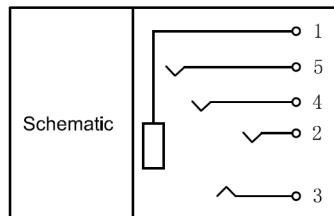
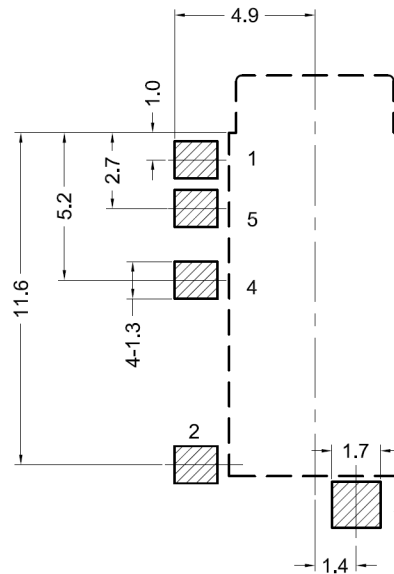
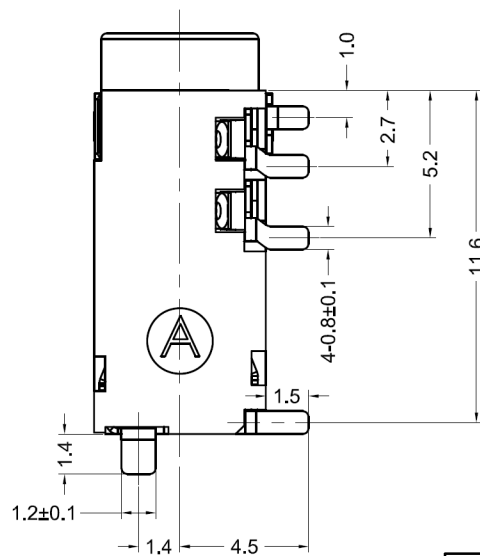
Insertion Force: 0.4kg-3.0kg

Withdrawal Force: 0.3kg-3.0kg

Durability: 5000 Mating Cycles Min.

Operating Temperature:

-25°C to +70°C



THE VITAL COMPONENT

Tolerances

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

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	05/13/19	New Drawing	H. MA	D. Shehan	H. MA	05/13/19
A1	09/13/19	Release Drawing	G. Serrato	D. Shehan		

STX-3542-5N-G-TR

Ø3.5mm Stereo Jack, SMT

5 Pin, RoHS Compliant

