

Materials and Finish

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

Contact Material:
 Contact #4: Stainless Steel
 All Other Contacts: Copper Alloy

Contact Plating: Gold Flash Over Nickel Underplate

Electrical Characteristics

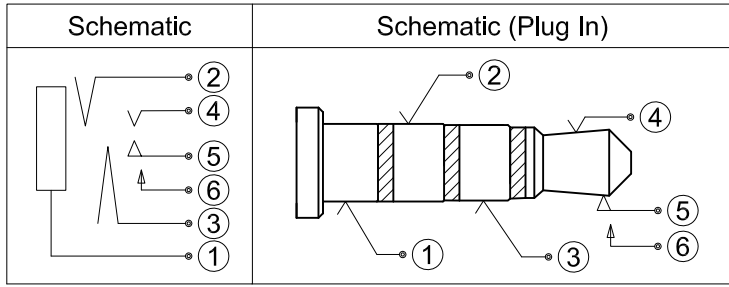
Insulation Resistance:
 100 Megohms Min. at 500V DC

Contact Resistance:
 50 milliohms Max. (Initial)
 100 milliohms Max. (Final)

Dielectric Withstanding Voltage:
 250V AC for 1 Minute

Mechanical Characteristics

Insertion Force: 0.3kg - 3.0kg
 Withdrawal Force: 0.3kg - 3.0kg
 Durability: 5000 Mating Cycles Min.
 Operating Temperature:
 -40°C to +85°C
 Process Temperature:
 260°C Lead-Free Reflow Soldering



RoHS COMPLIANT

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	07/28/16	New Drawing	C. Kelleher	W. Cook		
A1	08/17/16	Release Drawing	C. Kelleher	N/A	C. Kelleher	07/21/16

STX-353K7A-6N-KTTR

Audio Jack, 3.5mm, Vertical, High-Temp.
 Through-Hole, RoHS Compliant, Halogen Free

