

**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**

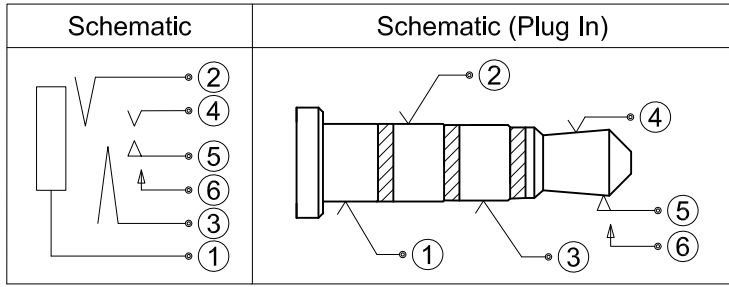
Insulation Resistance:  
 100 Megohms Min. at 500V DC

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

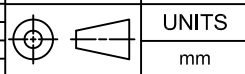


**RoHS COMPLIANT**

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**



UNITS  
mm

Audio Jack, 3.5mm, Vertical, High-Temp.

Through-Hole, RoHS Compliant, Halogen Free

