



**Material and Finish**

Housing: high temp. thermoplastic, black color, UL 94V-0 rated, reflow process compatible  
 Bushing: copper alloy, nickel plated  
 Sleeve: SPCC, nickel plated  
 Jack Terminals: copper alloy, tin plated over nickel underplating  
 Slide Switch Terminals: copper alloy, silver plated over nickel underplating  
 Recommended Reflow Temperature: 230°C for 30 seconds, 260°C maximum

**Mechanical Characteristics**

Insertion Force: 0.4kg - 3.0kg  
 Extraction Force: 0.3kg - 3.0kg  
 Durability: 5000 mating cycles

**Electrical Characteristics**

Contact Resistance: Before Test: 50 mohms max. After Durability Test: 100 mohms max.  
 Insulation Resistance: more than 100 Megohms at 500V DC  
 Dielectric Strength: 500V AC RMS for 1 minute  
 Operating Temperature: -25°C to +85°C



Tolerances	
X.X ± 0.25	
X.XX ± 0.15	
Unless Stated Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/6/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/11/05

**STX-3100-11C-HT**  
 UNITS: mm

3.5mm Audio Jack, Threshold Element, Polarity Compatible, RoHS Compliant  
 1 Double-Pole/Double-Throw Switch, 1 Double-Pole/Single-Throw Switch

