



Materials and Finish

Housing: High Temp Thermoplastic
UL94V-0 rated, Black Color

Contacts: Copper alloy,
Silver plated over nickel underplate

Electrical Characteristics

Contact Resistance:
Before Test:
50 milliohms max.
After Durability Test:
100 milliohms max.

Rated Voltage: 16V DC
Rated Current: 0.3A

Insulation Resistance:
100 Megohms min.
at 500V DC

Dielectric Strength:
500V AC RMS for 1 minute

Mechanical Characteristics

Insertion Force: 3.0kg max.

Extraction Force: 0.2kg min.

Operating Temp:
-25°C to +85°C

Durability: 5000 mating cycles

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

RoHS COMPLIANT



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/28/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/14/05
A1	1/21/08	Correct plating&release draw	WILL H.	H. MA		
A2	08/25/08	ECO# 08-066	S. Vien	H. MA		
A3	07/16/15	ECO# 15-034	H. MA	W. Cook		
A4	02/26/18	ECO# 18-010	C. Kelleher	C. Kelleher		
						UNITS
						mm

STX-3500-5NTR

Ø3.5mm Stereo Jack, 5 Position, RoHS Compliant

All Plastic Body, Right Angle, SMT Type, TR

