



Materials and Finish

Housing: polyamide,
UL 94V-0 rated, black color,
reflow process compatible

Terminals: Phosphor Bronze
gold flash all over
nickel underplating

Mechanical Characteristics

Insertion Force:
3.0kg max.

Extraction Force:
0.2kg min.

Durability: 5000 mating cycles

**Use a maximum plug length
of 15.25±0.1mm**

Electrical Characteristics

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

Rated Voltage:
16 V DC

Rated Current:
0.3A

Insulation Resistance:
100 Megohms min.
at 500V DC

Dielectric Strength:
500V AC RMS for 1 minute

Operating Temperature:
-25°C to +85°C

Recommended PCB Layout
(Top View)



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

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	07/12/06	Release drawing	R. Aguirre	H. MA		
B1	04/11/07	ECO #07-010	R. Aguirre	H. MA		

STX-3500-3N-GTR

Ø3.5mm Stereo Jack, 3 Position, RoHS Compliant

All-Plastic Body, Right Angle SMT, tape&reel

