

Recommended PCB Layout
(Top View)

Materials and Finish

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

Recommended Soldering Temp.:
230°C for 30 seconds,
260°C maximum

Terminals: copper alloy,
silver plating 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.

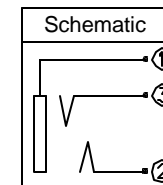
Rated Voltage:
16 V DC

Rated Current:
0.3A

Insulation Resistance:
100 Megohms min.
at 500V DC

Dielectric Strength:
500V AC RMS for 1 minute

Operating Temp:
-25°C to +85°C



Part Number	Packaging
ST-3500-3N	Bulk
ST-3500-3N-TR	Tape and Reel

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



REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
D1	11/19/01	Ref ECD 01-210	C. Leiva	C. Leiva	mm
D2	2/6/03	Ref ECD 02-140	REVISED BY	CHECK DATE	DATE
E1	2/24/04	Ref ECD 04-014	J. Wong	2/25/04	1/26/98

ST-3500-3N

Stereo Jack, 3 position

All Plastic Body, Rt. Ang, SMT Type

