

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.

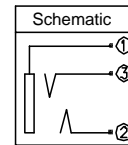
Rated Voltage: 16 V DC

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

