

Recommended PCB Layout  
(Top View)

**Materials and Finish**

Housing: LCP, UL 94V-0 Rated  
 Terminals: Copper Alloy,  
 10-15u" Silver over  
 50u" Nickel plating

**Mechanical Characteristics**

Insertion Force:  
 0.4kg - 3.0kg

Extraction Force:  
 0.3kg - 3.0kg

Durability: 5000 mating cycles

**Electrical Specifications**

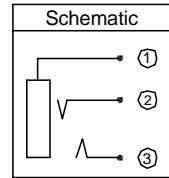
Contact Resistance:  
 Before Test: 50mohms Max.  
 After Durability Test:  
 100 mohms Max.

Insulation Resistance:  
 More than 100 Megohms  
 at 250V DC

Dielectric Strength:  
 250V AC RMS for 1 minute

Operating Temp:  
 -25°C to +80°C

Max. Recommended Reflow Temp.:  
 230°C for 30 seconds,  
 260°C for 10 seconds



Tolerances

X.X ±0.2  
 X.XX ±0.1  
 ANG. ±2°

Unless Stated  
 Otherwise



Part Number	Packaging
ST-2500-3N	Bulk
ST-2500-3N-TR	Tape and Reel

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
B4	8/1/01	Ref ECD 01-137	C. Leiva	C. Furumasa	mm
B5	10/11/02	corrected housing material	REVISED BY	REV CHECK DATE	DATE
C1	8/12/04	Ref ECD 04-038	C. Leiva	8/12/04	5/7/96

**ST-2500-3N**

**Stereo Jack**

All Plastic Body, Rt. Ang., SMT type

