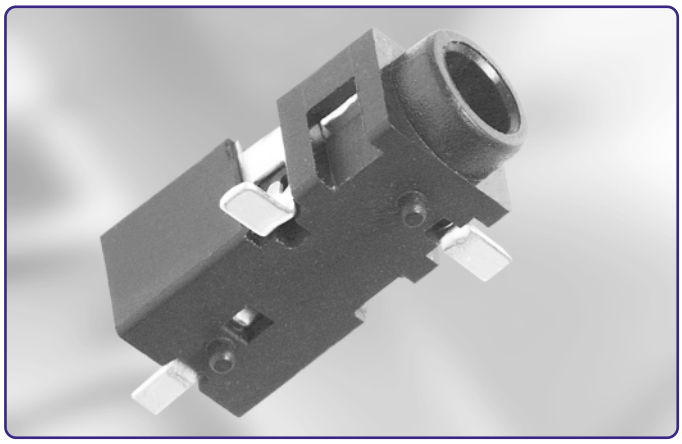


ST-2000/ST-2500 Series 2.5mm Audio Jack

Features

- Audio Applications for Computers and Multimedia
- Through Hole and Surface Mount Designs
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Housing
ST-2000: PBT Thermoplastic, Black Color UL94V-0 Rated
ST-2500: High Temperature Thermoplastic, Black Color UL94V-0 Rated

Terminals
Copper Alloy, Silver over Nickel Plating

Mechanical Characteristics

Insertion Force: 0.4kg - 3.0kg

Extraction Force: 0.3kg - 3.0kg

Durability: 5000 Mating Cycles

Electrical Characteristics

Contact Resistance
Before Durability Test
50 Milliohms Max.
After Durability Test
100 Milliohms Max.

Insulation Resistance: 100 Megohms Min. at 250V DC

Dielectric Strength: 250V AC for 1 Minute

Operating Temperature: -25°C to +80°C

Ordering Information

ST -2500	–	3	N	–	
Series		Number of Pins			Packaging

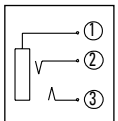
Series
ST-2000 - 2.5mm Through Hole Audio Jack
ST-2500 - 2.5mm Surface Mount Audio Jack

Number of Pins
3 - 3 Pins

Packaging
Blank - Bulk
TR - Tape and Reel (ST-2500 only)

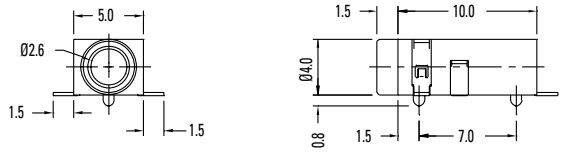
Dimensions

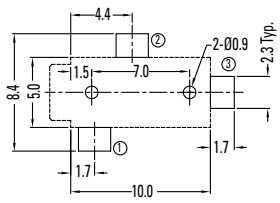
Dimensions in mm



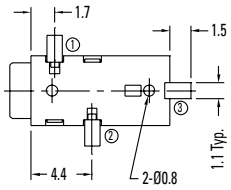
Schematic

ST-2500-3N

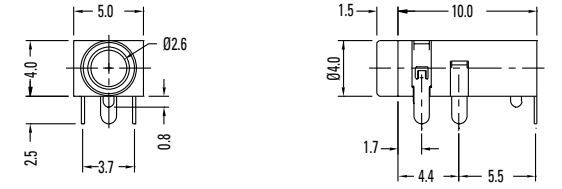


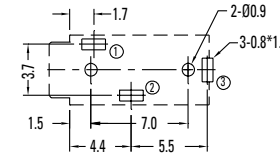


(Top View)
Recommended PCB Layout

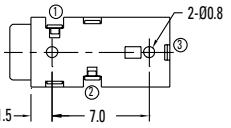


ST-2000-3N





(Bottom View)
Recommended PCB Layout



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Kycon:

ST-2500-3N-G ST-2500-3N-TR