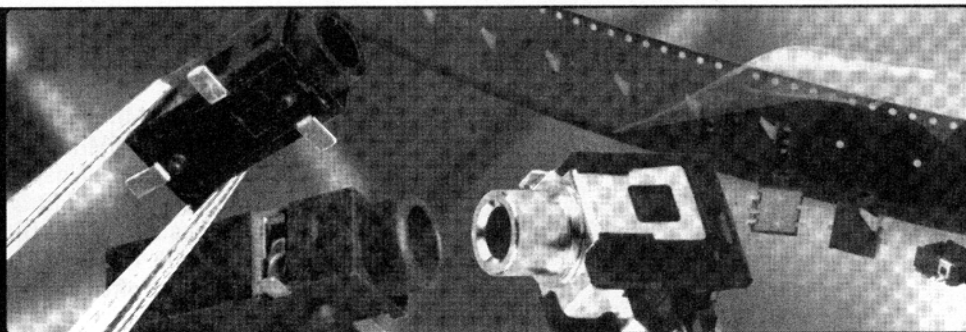


Stereo Jack



KYCON Continues its leadership in Stereo Jacks by offering a complete line of designs and options.

Stereo Jack Series

ST-2000/ST-2500

ST-2550

ST-3500

ST-3000

ST-3081

ST-3100

ST-3120

ST-3200

ST-314/ST-315

ST-3900

ST-4235

STP-3501

Features



- Audio Applications for Computers and Multimedia
- Available in Through Hole, Surface Mount, and Reflow Compatible, Stacked, and Panel Mount Options
- Plastic, Metal, and Threaded Bushings Available

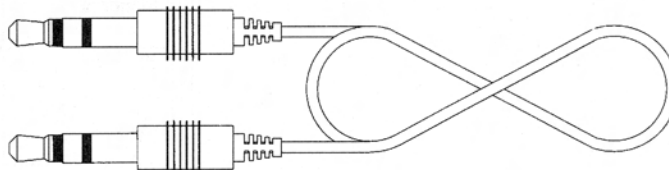
Stereo Jack Options

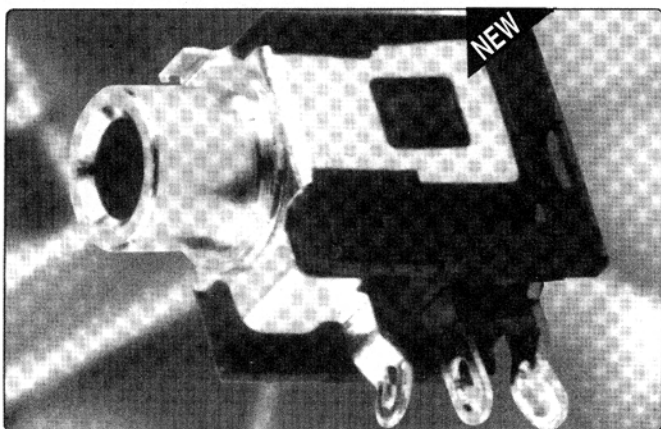
Series	ST-2000	ST-2500	ST-2550	ST-3500	ST-3000	ST-3081	ST-3100	ST-3120	ST-3200	ST-314	ST-315	ST-3900	ST-4235	STP-3501
2.5mm	•	•	•											
3.5mm				•	•	•	•	•	•	•	•	•	•	•
Through Hole	•				•	•	•	•	•	•	•	•	•	
Reflow Compatible Through Hole							•							
SMT		•	•	•										
Stacked													•	
Panel Mount														•
All Plastic	•	•		•	•			•						
Threaded Option						•	•		•	•	•	•		•
Mono			•					•		•	•			
3 Position	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4 position		•	•	•										
5 Position			•			•	•	•	•	•	•		•	
9 Position							•						•	
11 Position							•						•	

Stereo Plug Options

Kycon offers standard 2.5mm and 3.5mm molded cables in 8 foot lengths. Contact factory for details. 888-KYCON-22.

KMC-ST2.5/2.5-8FT





ST-3900 Series PCB Mount 3.5mm Stereo Jack

Features  

- Audio Applications for Computers and Multimedia
- Available with Threaded or Non Threaded Metal Bushing
- Open Back Design for Ease of Washability
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Housing
PBT Thermoplastic, Black Color UL94V-0 Rated 

Terminals
Copper Alloy, Tin 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
30 Milliohms Max.
After Durability Test
60 Milliohms Max.

Insulation Resistance: More Than 100 Megohms at 500V DC

Dielectric Strength: 500V AC RMS for 1 Minute

Operating Temperature: -25°C to +80°C

Ordering Information

ST-3900	-	3	N	P
Series		Number of Pins	Threading Option	Panel Stop

Series
ST-3900 - 3.5mm Stereo Jack

Number of Pins
3 - 3 Pins

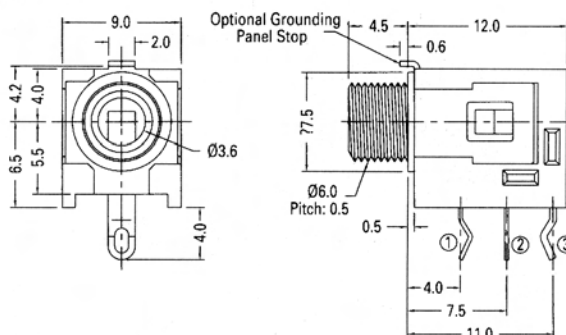
Threading Option
C - Threaded
N - Non Threaded

Panel Stop Option
Blank - No Panel Stop
P - With Panel Stop

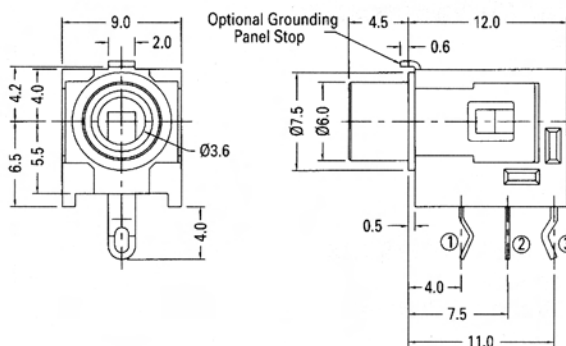
Dimensions

Dimensions in mm

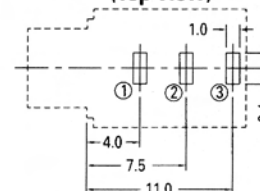
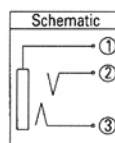
ST-3900-3CP

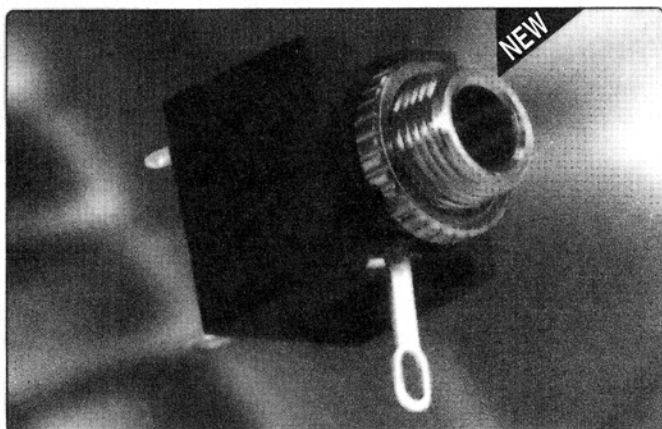


ST-3900-3NP



Recommended PCB Layout (Top View)





STP-3501 Series Panel Mount 3.5mm Stereo Jack

Features



- Panel Mount
- Eyelet Terminals
- Audio Applications for Computers and Multimedia
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Housing

PBT Thermoplastic; Black Color, UL 94V-0 Rated

Bushing

Brass, Nickel Plated

Terminals

Copper Alloy, Silver Plated

Mechanical Characteristics

Insertion Force

0.3kg - 3.0kg

Extraction Force

0.3kg - 3.0kg

Durability

5000 Mating Cycles

Electrical Characteristics

Insulation Resistance

More than 50 Megohm at 250V DC

Withstanding Voltage

500V AC RMS for One Minute

Contact Resistance

Before Durability Test

30 Milliohms Max

After Durability Test

60 Milliohms Max

Operating Temperature

-25°C to +80°C

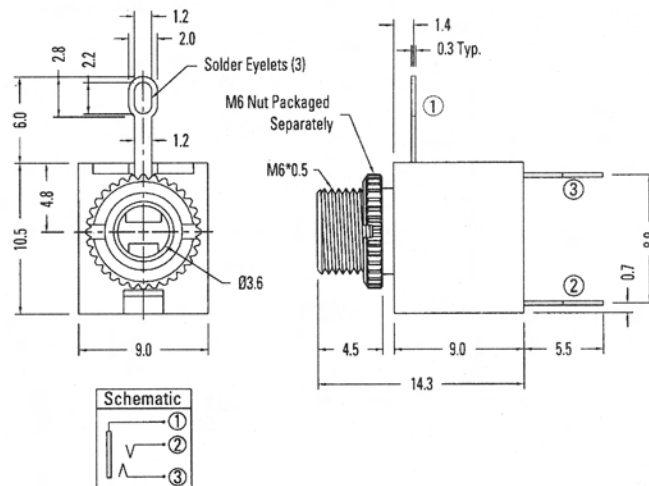
Ordering Information

STP-3501	-	3	-	N
Series		Number of Pins		Options
Series				
STP-3501 - 3.5mm Panel Mount Stereo Jack				
Number of Pins				
3 - 3 Pins				
Threading Option				
C - Threaded				
N - Non Threaded				

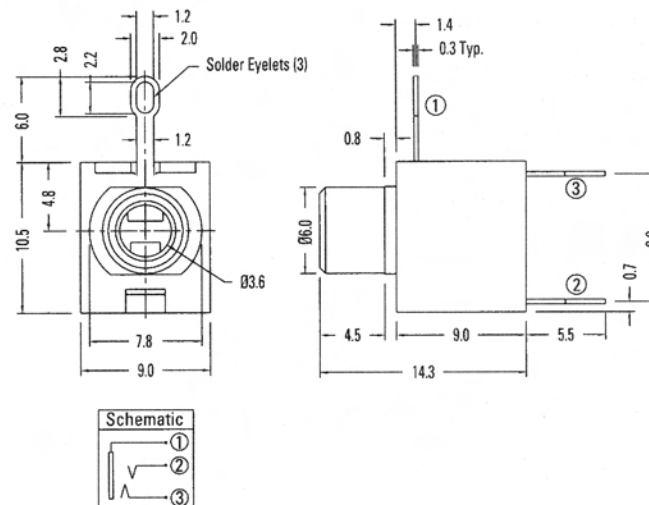
Dimensions

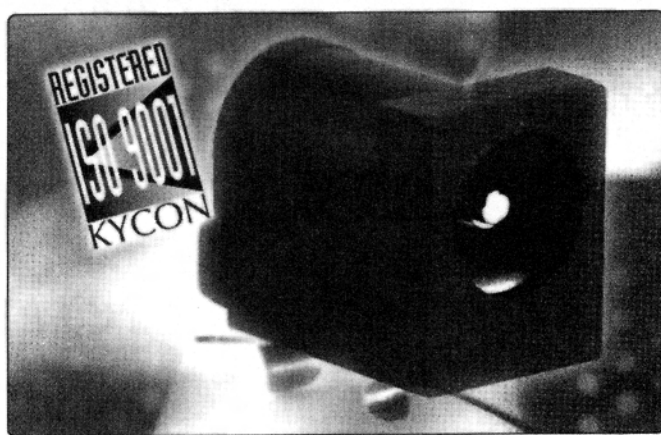
Dimensions in mm

STP-3501-3C



STP-3501-3N





**KLD Series PCB Mount
DC Power Jack
2.0mm and 2.5mm**

Features

- Built in DC On/Off Switch
- Screw Machine Contact Center Pin for High Current Capability
- Laptop and Palm Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications



Materials and Finish

Plastic Housing: PBT UL 94V-0 Rated 
Center Pin: Brass, Tin Plated
Pin 1: Phosphor Bronze, Tin Plated
Pin 2 and 3: Brass, Tin Plated

Electrical Characteristics

Contact Resistance

Before Durability Test
 Between Terminals: 30 Milliohms Max.
 Plug to Contacts: 50 Milliohms Max.
After Durability Test
 Between Terminals: 60 Milliohms Max.
 Plug to Contacts: 100 Milliohms Max.
Rated Voltage: DC 24V
Rated Current: 3.5 Amps
Insulation Resistance: 50 Megohms Min.

Mechanical Characteristics

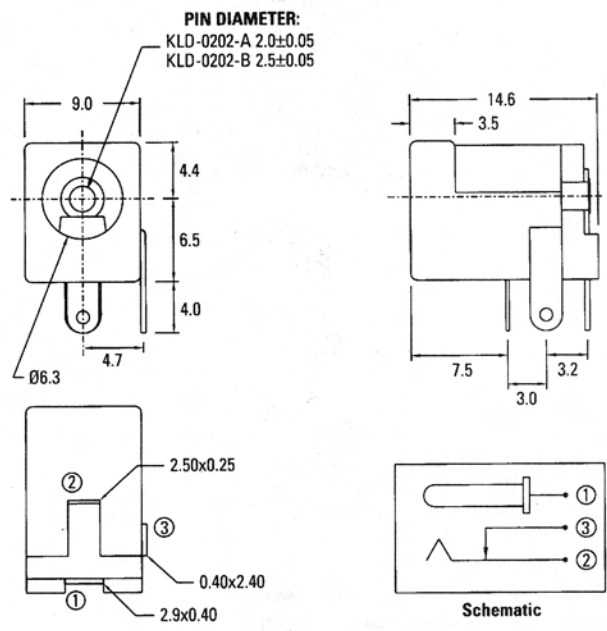
Durability Test: 5000 Cycles
Insertion Force: 0.3kg - 2.0kg
Extraction Force: 0.3kg - 2.0kg
Operating Temperature: -25°C to +70°C

Ordering Information

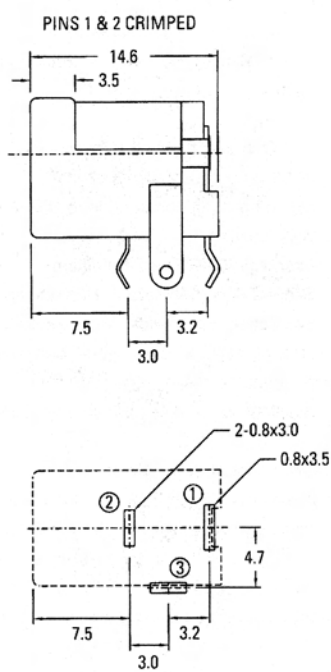
Part Number*	Inner Pin Diameter	Lead Style
KLD-0202-A	2.0mm±0.05	Straight
KLD-0202-AC	2.0mm±0.05	Crimped
KLD-0202-B	2.5mm±0.05	Straight
KLD-0202-BC	2.5mm±0.05	Crimped

KLD Series Dimensions

KLD-0202-A, KLD-0202-B



KLD-0202-AC, KLD-0202-BC



**Recommended PCB Layout
(Top View)**

Dimensions in mm

*Also available - KLD-HT Reflow Compatible
 Contact factory for specifications. 888-KYCON-22