



AUDIO  
TECHNOLOGIES®

## 1/4" PHONE JACKS

### TJ SERIES - HORIZONTAL PCB MOUNT

Mono or stereo, horizontal PCB mounted 1/4" phone jacks with switched contacts and a plastic body for audio and control.

Mounting Hardware: IO-TJ-N (NUT)  
IO-TJ-W (WASHER)



IO-TJ6HF

IO-TJ4HF

## SPECIFICATIONS

### PRODUCT

Gender: **Female**

Contacts: **4 (IO-TJ4HF) or 6 (IO-TJ6HF)**

### ELECTRICAL

Contact Resistance: **< 30mΩ**

Insulation Resistance: **≥ 100MΩ**

Dielectric Strength: **500VAC @ 60s**

Current Rating: **1A/30V DC**

Switching Contacts (N.C.): **2 (IO-TJ4HF), 3 (IO-TJ6HF)**

### ENVIRONMENTAL

Standard Compliance: **IEC 60603-11**

UL Flammability: **UL94 V-0**

Temperature Range: **-25°C ~ +70° C (-13°F ~ +158°F)**

### MECHANICAL

Insertion Force: **5-30N**

Lifetime: **> 5000 Mating Cycles**

Wiring: **Horizontal PCB Mount**

Mounting Direction: **Rear**

Solderability: **Complies with IEC 60068-2-20**

### MATERIAL

Contacts: **Brass**

Contact Plating: **.3 μm Ag**

Shell: **PA66**

Shell Finish: **Black**

Nut/Washer: **PBT**

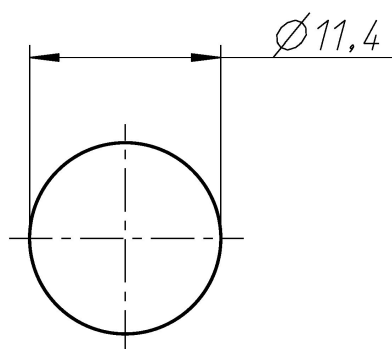
Nut Washer Finish: **Black**

Product specifications may change without prior notification

Io Audio Technologies® is a registered trademark of Knight Electronics, Inc.  
10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | 800-323-2439 | Fax: 214-340-5870 |  
[www.ioaudiotecnologies.com](http://www.ioaudiotecnologies.com)



## Panel Cutout



## FEATURES & APPLICATIONS

The Tiny Jack (TJ) Series of ¼" phone jacks features a slim design with a high packing density. It features black, plastic housing with a fully threaded nose. The TJ Series provides a Normally Closed switch design which makes them a perfect solution for design-in applications where the termination method is to a printed circuit board. The compact form factor of these connectors makes them perfect for situations where space saving is a priority or space for a connector is limited. Fits a 11.4mm chassis cutout. Available in Mono-Switched (IO-TJ4HF) and Stereo-Switched (IO-TJ6HF) options for horizontal PCB mounting.

Also available with a half threaded nose (IO-TJ4HH & IO-TJ6HH).

### PART NUMBER BREAKDOWN:

IO-TJ6HH  
Series Identifier

IO-TJ6HH  
Number of Pins

IO-TJ6HH  
H = Horizontal PCB Mount

IO-TJ6HH  
H = Half Threaded Nose  
F - Full Threaded Nose

### STANDARDS & CLASSIFICATIONS



Product specifications may change without prior notification

Io Audio Technologies® is a registered trademark of Knight Electronics, Inc.  
10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | 800-323-2439 | Fax: 214-340-5870 |  
[www.ioaudiotكنولوجies.com](http://www.ioaudiotكنولوجies.com)

# Mouser Electronics

Authorized Distributor

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

[Io Audio:](#)

[IO-TJ4HF](#) [IO-TJ6HF](#)