

STX-3100 Series PCB Mount 3.5mm Audio Jack

Features



- Audio Applications for Computers and Multimedia
- Can Be Used To Activate Speakers, an Equalizer or to Configure the Audio Signal
- Available with Up to One Double-Pole Single-Throw Switch and One Double-Pole Double-Throw Switch in One Audio Jack
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Audio Jack

Plastic Housing: PBT Thermoplastic, Black Color UL94V-0 Rated
Bushing: Brass, Nickel Plated



Mechanical Characteristics

Insertion Force 0.4kg - 3.0 kg

Extraction Force 0.4kg - 3.0kg

Durability

5000 Mating Cycles

Electrical Characteristics

Contact Rating

DC 16V at 0.3 Amps

Contact Resistance

Before Durability Test

To Terminals: 30 Milliohms Max.

To Sleeve: 50 Milliohms Max.

After Durability Test

To Terminals: 60 Milliohms Max.

To Sleeve: 100 Milliohms Max.

Insulation Resistance : 100 Megohms Min. at 250V DC

Dielectric Strength : 250V AC RMS for 1 Minute

Operating Temperature :-25°C to +85°C

AUDIO JACKS

STX-3100 Series

Ordering Information

STX-3100	-	3	N	B
Series		Number of Pins	Threading Option	Back Plate Options

Series

STX-3100 - 3.5mm Audio Jacks

Number of Pins

3 - 3 Pins - Audio Jack, No Switch

5 - 5 Pins - One Double-Pole Single-Throw Switch

9 - 9 Pins - One Double-Pole Double-Throw Switch

11 - 11 Pins - One Double-Pole Single-Throw Switch/One Double-Pole Double-Throw Switch

Threading Option

C - Threaded

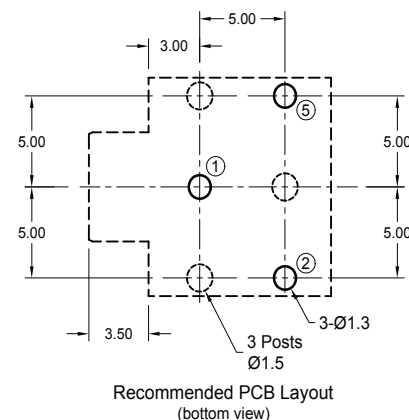
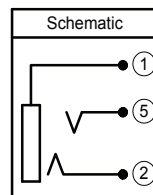
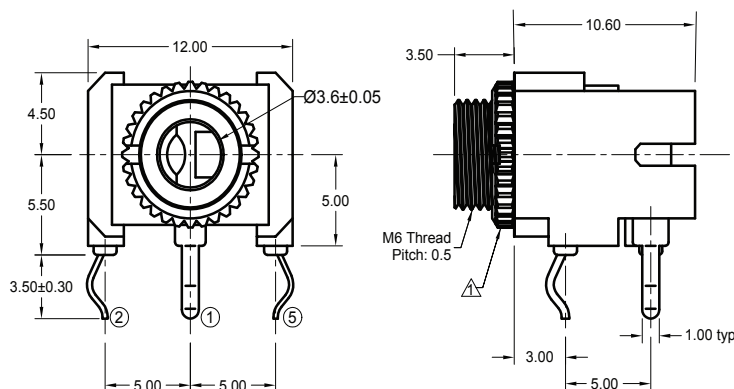
N - Non Threaded

Back Plate Option (3 & 5 pin only)

Blank - No Back Plate

B - With Back Plate

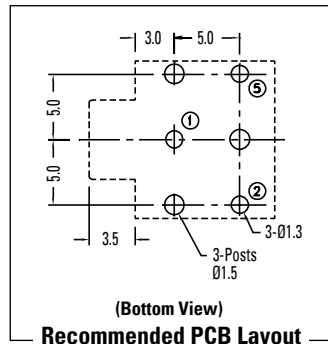
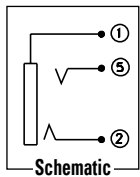
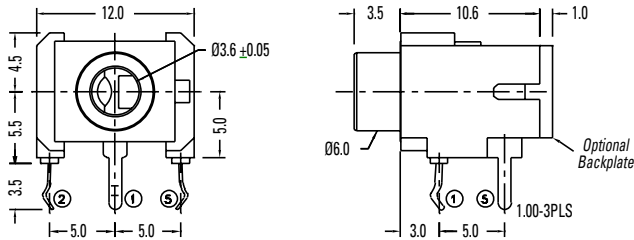
STX-3100 -3C



STX-3100 Series Dimensions

Dimensions in mm

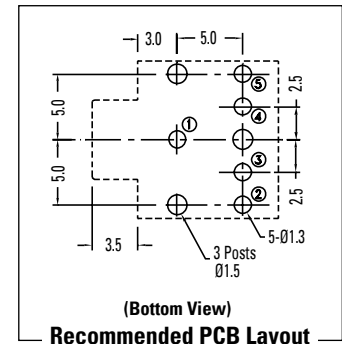
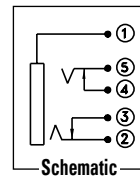
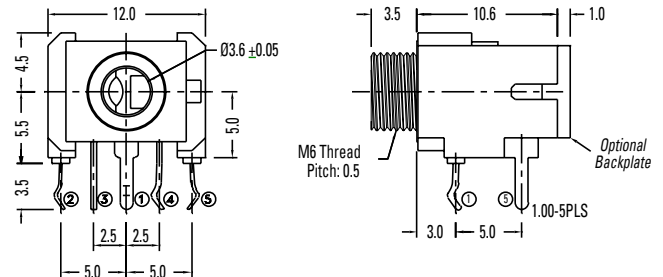
STX-3100-3N
(3 Pins, Non-Threaded)



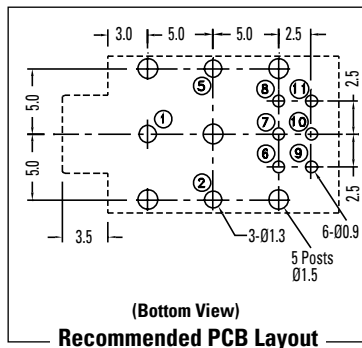
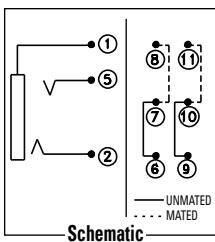
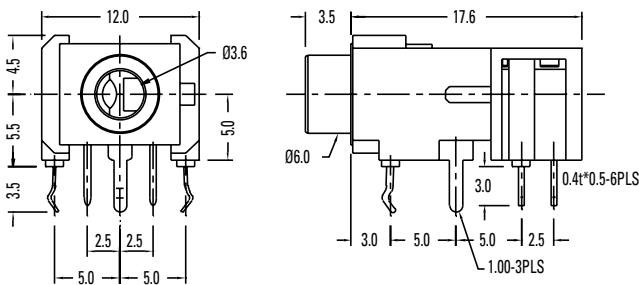
STX-3100 Series Dimensions

Dimensions in mm

STX-3100-5C
(5 Pins, Threaded)



STX-3100-9N
(9 Pins, Non-Threaded)



STX-3100-11C
(11 Pins, Threaded)

