

STX-314 Series PCB Mount 3.5mm Jack Slim Design with Switch

Features



- Audio Applications for Computers and Multimedia
- Can be Used to Activate Speakers, an Equalizer or to Configure the Audio Signal
- Up to One Double-Pole Single-Throw Switch
- Spring Loaded Contacts for High Contact Reliability
- Narrow Body Uses Minimal Board Space
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Audio Jack

Housing: PBT Thermoplastic, Black Color, UL94V-0 Rated

Cover: PBT Thermoplastic, UL94V-0 Rated

Bushing: Brass, Nickel Plated

Terminals and Contacts: Phosphor Bronze, Tin Plated

Coil Springs: Spring Steel

Mechanical Characteristics

Insertion Force : 0.4kg - 3.0kg

Extraction Force : 0.3kg - 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 with Mating Plug

To Terminals: 60 Milliohms Max.

To Sleeve: 100 Milliohms Max.

Insulation Resistance : 100 Megohms Min. at 500V DC

Dielectric Strength : 500V AC RMS for 1 Minute

Temperature Rating

Operating Temperature: -25°C to + 85°C

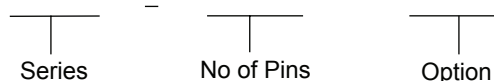
AUDIO JACKS

STX-314 Series

Documentation & Ordering Information

Kycon Part

Part Number Builder



Series

STX-3140 - Crimped Leads, Black Cover

STX-3141 - Crimped Leads, Clear Cover

Number of Pins

3 Pin

5 Pin (not available with Mono option)

Option

C - Threaded Barrel

N - Non-Threaded Barrel

CM - Threaded Barrel, Mono

NM - Non-Threaded Barrel, Mono

STX-314

Dimensions in mm

STX-3140 (Black Side Cover) STX-3141 (Clear Side Cover)
Crimped Leads (shown with Threaded Bushing)

