

## *KLDX Series*

### *Locking Type PCB Mount DC Power Jack*

### Features

- 2.0mm and 2.5mm
- Built in DC On/Off Switch
- Locking Feature (Will Lock with Kycon Locking Plug)
- To Be Used with Locking/Non-locking Tuning Fork Style Plug
- Laptop and Palm Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications
- CSA/NRTL Certified File No. LR78160



### Performance Specifications

#### Materials and Finish

**Body:** PBT Thermoplastic UL94V-0, Color Black

**Center Pin:** Brass, Nickel Plated

**Contact #1:** Brass Tin Plated

**Contact #2:** Phosphor Bronze, Tin Plated

**Contact #3:** Brass Tin Plated

#### Electrical Characteristics

**Rated Current:** 3.5 Amps

**Rated Voltage:** 24V DC

**Insulation Resistance:** 50 Megohms Min.  
at 100 or 200V DC for 1 Minute

**Contact Resistance:** 30 milliohms Max

**Dielectric Withstanding Voltage:** 250V AC Min. for 1 Minute

#### Mechanical Characteristics

**Durability Test:** 5000 Cycles

**Insertion Force:** 0.3kg Max.

**Extraction Force:** 0.3kg Min.

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

## DC POWER CONNECTORS

### KLDX Series

#### Documentation & Ordering Information

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |

#### Kycon Part #

#### Part Number Builder



#### Series

KLDX-0202 - PCB Mount DC Power Jack Locking Type

#### Diameter

A - 2.0mm Center Pin Diameter

B - 2.5mm Center Pin Diameter

#### Peg

Blank - without Peg

P - with Peg

**Recommended to be used with Kycon locking plug (tuning fork design):**

**KLDX-PA-0202-A-LT, KLDX-PA-0202-B-LT**

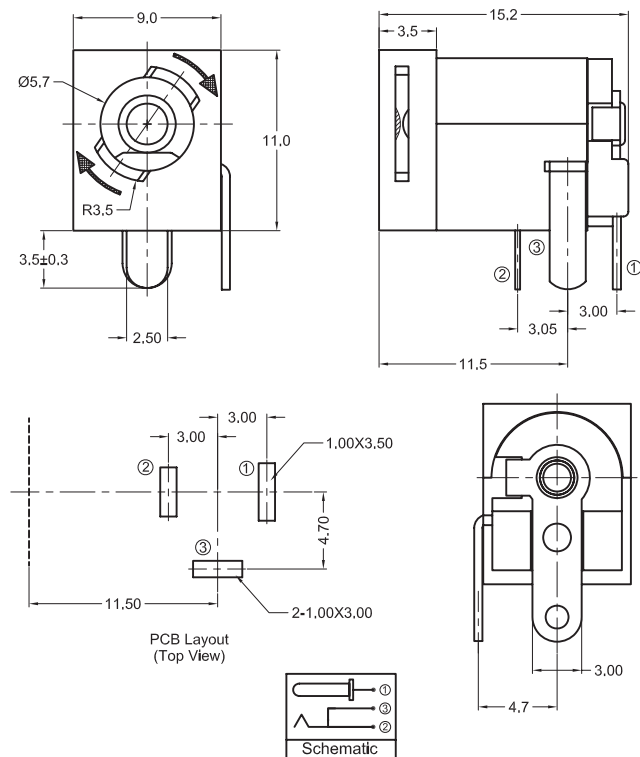
**If used with non-locking plug, tuning fork design is required. See picture.**



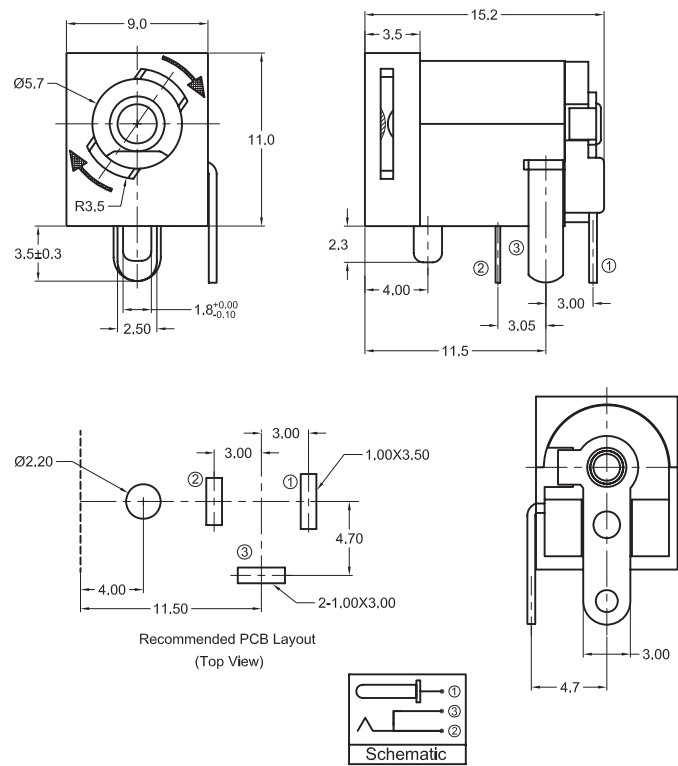
**\*See next page for dimensions**

### KLDX Series Dimensions

#### KLDX-0202-x-LT



#### KLDX-0202-xP-LT



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