



## DC POWER CONNECTORS: KLDPLX Series

### Vertical Panel Mount DC Power Jack

#### Product Features

- 2.0mm and 2.5mm Pin Options
- Panel Mount
- Solder Eyelets
- Built in DC On/Off Switch
- Full metal shell for increased strength
- Locks when used with the KLDLX-P Series

#### Performance Specifications

##### Materials and Finish

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

**Center Pin & Threaded Barrel:** Brass, Cu/Sn Plated

**Contact #1, #2:** Brass, Tin Plated

**Contact #3:** Phosphor Bronze, Tin Plated

**Nut:** Brass, Brass, Cu/Sn Plated

**Washer:** SPCC, Nickel Plated

#### Electrical Characteristics

**Rated Current:** 5A

**Rated Voltage:** 24V DC

**Insulation Resistance:** 100 Megohms Min. at 500V DC

**Contact Resistance:** 30 milliohms Max.

**Dielectric Withstanding Voltage:** 500V AC Min. for 1 Minute

**Recommended Minimum Panel Thickness:** 1.5mm

#### Mechanical Characteristics

**Durability Test:** 5000 Cycles

**Insertion Force:** 3.0kg Max.

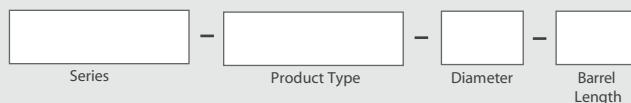
**Extraction Force:** 0.3kg Min.

**Operating Temperature:** -25°C to +70°C

|                       |                     |                      |                  |
|-----------------------|---------------------|----------------------|------------------|
| 2D Drawing            | IGES                | STEP                 | 3D PDF           |
| Solder Profile        | CofC RoHS Compliant | CofC REACH Compliant | UL Plastic File  |
| Certificate of Origin | Check Stock         | Request a Sample     | Send Us An Email |

#### Generated Part Number

#### Part Number Builder



#### Series

**KLDPLX** - Panel Mount DC Power Jack

#### Product Type

**0202** - Closed body, 2mm options

#### Diameter

**A** - 2.0mm Center Pin Diameter

**B** - 2.5mm Center Pin Diameter

#### Barrel length

**Blank** - 5.7mm barrel length

**LB** - 8.5mm barrel length (Contact Kycon for more Information)

Contact Kycon For Other Options

#### KLDPLX Series

Dimensions in mm

