XLR CHASSIS CONNECTORS

3 PIN JLX SERIES

Locking 3 pin connectors with rugged metal shells for audio and lighting control.

SPECIFICATIONS

PRODUCT
Gender: Male (IO-XLR3-M-JLX)
Female (IO-XLR3-F-JLX)
Contacts: 3

MECHANICAL
Lifetime: > 1000 Mating Cycles
Wiressize (Male): 2.0mm Max O.D.
Wiressize (Female): 2.5mm Max O.D.
Wiring: Solder Contacts
Locking Device: Latch Lock
Mounting Direction: Front
Solderability: Complies with IEC 60068-2-20

ELECTRICAL
Capacitance Between Contacts: \( \leq 2.5 \) pF
Capacitance Between Contact and Ground: \( \leq 2.7 \) pF
Contact Resistance: \(< 3 \) m\( \Omega \)
Insulation Resistance: \( \geq 5000 \) M\( \Omega \)
Dielectric Strength: 1500V @ 60s
Current Rating: 15 A / 125 V AC
Grounding: Separate ground contact to shell of mating connector and panel

MATERIAL
Pins: Brass
Pin Plating: Silver
Ground: Brass
Ground Finish: Tin
Shell: Die Cast Zinc
Shell Finish: Nickel
Locking Element: Die Cast Zinc
Locking Element Finish: Nickel

ENVIRONMENTAL
Standard Compliance: IEC 61076-2-103
UL Flammability: Meets UL 94 HB
Temperature Range: \(-40^\circ C \sim +70^\circ C (-40^\circ F \sim +158^\circ F)\)
JLX Series XLR chassis connectors offer a sleek and robust connection in a standard "J" Size shell. This series is perfect for permanent installations or design-in applications where the termination method is solder cups. The connectors feature “metal on metal” housing which provides improved RF and EMI protection, making these connectors perfect for use in high noise environments or where cell phone or radio frequencies are most offensive. They have precision machined, one piece, silver plated contacts and a separate tin plated ground pin which grounds to the connector housing and panel. Available in 3 or 5 pin variations. The JLX Series XLR chassis connectors help prevent local RF interference from assisted listening, WiFi, and other radio transmitters close to the connectors. When coupled with quality shielded cables, a robust system for preventing the intrusion of unwanted noises is created.

**FEATURES & APPLICATIONS**

**Panel Cutout**

**STANDARDS & CLASSIFICATIONS**

**PART NUMBER BREAKDOWN:**

- **IO-XLR3-M-JLX**
  - Series Identifier
- **IO-XLR3-M-JLX**
  - Number of Pins
- **IO-XLR3-M-JLX**
  - Gender
- **IO-XLR3-M-JLX**
  - Series Identifier

Product specifications may change without prior notification

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