AUDIO TECHNOLOGIES®

XLR CHASSIS CONNECTORS

5 PIN JLX SERIES

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

IO-XLR5-M-JLX IO-XLR5-F-JLX

SPECIFICATIONS

PRODUCT

Gender: **Male (IO-XLR5-M-JLX)**
Female (IO-XLR5-F-JLX)

Contacts: **5**

ELECTRICAL

Capacitance Between Contacts: **≤ 2.6 pF**

Capacitance Between Contact and Ground: **≤ 2.8 pF**

Contact Resistance: **< 7 mΩ**

Insulation Resistance: **≥ 5000 MΩ**

Dielectric Strength: **1500V @ 60s**

Current Rating: **7.5 A / 125 V AC**

Grounding: **Separate ground contact shell, mating connector shell, and front panel**

ENVIRONMENTAL

Standard Compliance: **IEC 61076-2-103**

UL Flammability: **Meets UL 94 HB**

Temperature Range: **-40°C ~ +70° C (-40°F ~ +158°F)**

MECHANICAL

Lifetime: **> 1000 Mating Cycles**

Wiresize: **1.0mm Max O.D.**

Wiring: **Solder Contacts**

Locking Device: **Latch Lock**

Mounting Direction: **Front**

Solderability: **Complies with IEC 60068-2-20**

MATERIAL

Pins: **Brass (IO-XLR5-M-JLX)**
Phosphor Bronze (IO-XLR5-F-JLX)

Pin Plating: **Silver**

Grounding Terminal: **Brass**

Grounding Terminal Plating: **Tin**

Shell: **Die Cast Zinc**

Shell Finish: **Nickel**

Push Button: **Die Cast Zinc**

Push Button Finish: **Nickel**

Product specifications may change without prior notification

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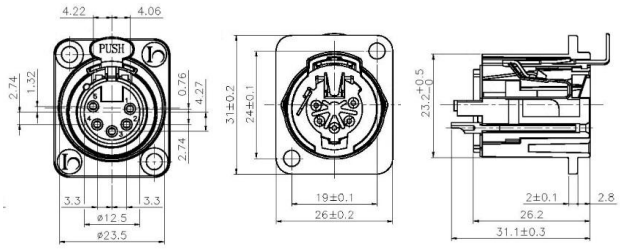
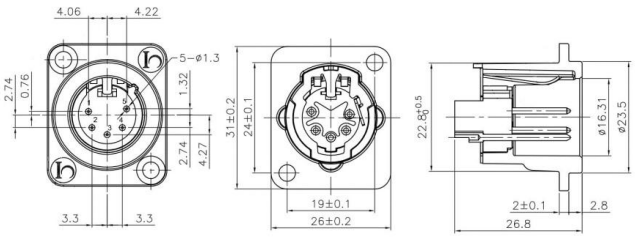
www.ioaudiotechnologies.com

DRAWINGS

IO-XLR5-F-JLX



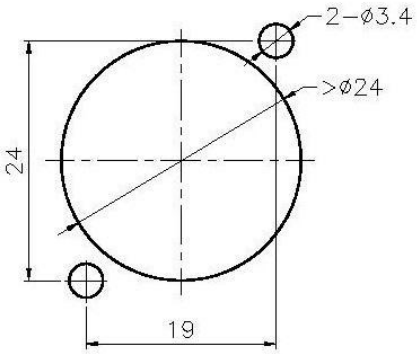
IO-XLR5-M-JLX



FEATURES & APPLICATIONS

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.

Panel Cutout



PART NUMBER BREAKDOWN:

IO-**XLR**5-M-JLX
Series Identifier

IO-XLR**5**-M-JLX
Number of Pins

IO-XLR5-**M**-JLX
Gender

IO-XLR5-M-**JLX**
Series Identifier

STANDARDS & CLASSIFICATIONS

RoHS CE

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