

XLR CHASSIS CONNECTORS

4 PIN JL SERIES

Locking 4 pin connectors with rugged metal shells perfect for use in DC power, aviation, communications, and other AV applications.

SPECIFICATIONS

PRODUCT

Gender: Male (IO-XLR4-M-JL),

Female (IO-XLR4-F-JL)

Contacts: 4

ELECTRICAL

Capacitance Between Contacts: ≤ 2 pF

Capacitance Between Contact and Ground: ≤ 2 pF

Contact Resistance: < 5 mΩ

Insulation Resistance: ≥ 5000 MΩ

Dielectric Strength: 1500V @ 60s

Current Rating: 10A / 125V AC

Grounding: Separate ground terminal. Grounds to mating connector shell and panel

ENVIRONMENTAL

Standard Compliance: IEC 61076-2-103

UL Flammability Rating: UL94 V-0

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





IO-XLR4-M-JL IO-XLR4-F-JL

MECHANICAL

Lifetime: > 1000 Mating Cycles Wiresize: 1.75mm Max O.D. (F) 1.20mm Max O.D. (M)

Wiring: Solder Contacts

Locking Device: Latch Lock

Mounting Direction: Front

Solderability: Complies with IEC 60068-2-20

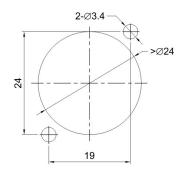
MATERIAL Pins: Brass (Male) Phosphor Bronze (Female) Pin Plating: Silver Grounding Terminal: Tin Plated Brass Shell: Nickel Plated Zinc Alloy Push Button: Nickel Plated Brass Latch: Nickel Plated Carbon Steel

Product specifications may change without prior notification

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Panel Cutout



FEATURES & APPLICATIONS

JL Series XLR chassis connectors offer a sleek and robust connection in a standard "J" Size shell. This series is perfect for high-noise environments like permanent installations or design-in applications where the termination method is solder cups. The connectors have nickel plated die cast zinc housing which allows for great RF protection. 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 either black or nickel housing and in 3, 4, or 5 pin variations. The JL 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.

PART NUMBER BREAKDOWN

IO-<u>XLR</u>4-M-JL Series Identifier IO-XLR<u>4</u>-M-JL Number of Pins IO-XLR4-<u>M</u>-JL Gender IO-XLR4-M-<u>JL</u> Series Identifier

STANDARDS & CLASSIFICATIONS

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