



AUDIO  
TECHNOLOGIES®

## XLR CHASSIS CONNECTORS

### 5 PIN E SERIES - HORIZONTAL PCB MOUNT

Locking horizontal PCB mount 5 pin chassis connector with plastic body for audio and lighting control.

Other Available Mounting Option: Vertical PCB Mount

## SPECIFICATIONS

### PRODUCT

Gender: **Male (IO-XLR5-M-EH)**

**Female (IO-XLR5-F-EH)**

Contacts: **5**

### ELECTRICAL

Capacitance Between Contacts:  **$\leq 2$  pF**

Capacitance Between Contact and Ground:  **$\leq 2$  pF**

Contact Resistance:  **$< 6$  m $\Omega$**

Insulation Resistance:  **$\geq 5000$  M $\Omega$**

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

Current Rating: **3A / 50V AC**

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

### ENVIRONMENTAL

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

UL Flammability: **UL94V-0**

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



**IO-XLR5-M-EH**



**IO-XLR5-F-EH**

### MECHANICAL

Lifetime: **> 1000 Mating Cycles**

Wiring: **Horizontal PCB Mount**

Locking Device: **Latch Lock**

Mounting Direction: **Rear**

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

### MATERIAL

Contacts: **Gold Plated Brass**

Ground Terminal: **Nickel Plated Brass**

Shell: **Polyamide**

Shell Finish: **Black**

Push Button: **Nickel Plated Brass**

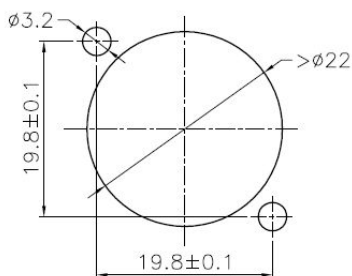
Latch: **Nickel Plated Carbon Steel**

Product specifications may change without prior notification

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## Panel Cutout



## FEATURES & APPLICATIONS

E Series XLR chassis connectors offer the most cost-effective solution for design-in applications where the termination method is to a printed circuit board. The small footprint makes this our XLR receptacle with the highest packing density available. These connectors feature a compact all plastic housing with precision machined, one piece, gold plated contacts to help prolong the useful life of the connectors. They also come with a separate nickel plated ground pin that grounds the connector to the panel. The compact form factor of these connectors makes them perfect for situations where space saving is a priority or space for a connector is limited.

Available in 3, 4, or 5 pin, Male or Female variations with options for vertical or horizontal PCB mounting.

### PART NUMBER BREAKDOWN:

IO-XLR5-M-EH

Series Identifier

IO-XLR5-M-EH

Number of Pins

IO-XLR5-M-M-EH

Gender

IO-XLR5-M-EH

Series Identifier

IO-XLR5-M-EHH

H = Horizontal PCB Mount

V = Vertical PCB Mount

### STANDARDS & CLASSIFICATIONS



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