

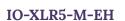
# **XLR CHASSIS CONNECTORS**

### 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







IO-XLR5-F-EH

# **SPECIFICATIONS**

### **PRODUCT**

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

Female (IO-XLR5-F-EH)

Contacts: 5

### **ELECTRICAL**

Capacitance Between Contacts: ≤ 2 pF

Capacitance Between Contact and Ground: ≤ 2 pF

Contact Resistance:  $< 6 \text{ m}\Omega$ 

Insulation Resistance: ≥ 5000 MΩ Dielectric Strength: 1500V @ 60s

Current Rating: 3 A / 50 V AC

Grounding: Separate ground contact to shell of

mating connector and panel

#### **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)

### **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: Brass

Contact Plating: .05µm Au

Ground Terminal: Brass

Ground Terminal Finish: Nickel

Shell: PA

Shell Finish: Black

Push Button: Stainless Steel

Push Button Finish: Nickel

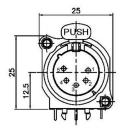
Latch: Stainless Steel

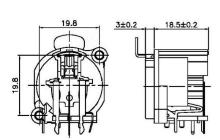
Latch Finish: Nickel

### **DRAWINGS**

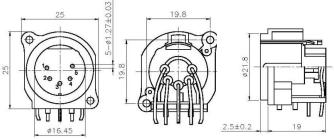


### IO-XLR5-F-EH





### IO-XLR5-M-EH

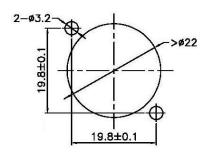


## **FEATURES & APPLICATIONS**

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 the these connectors makes them perfect for situations where space saving is a priority or space for a connector is limited.

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

### **Panel Cutout**



### PART NUMBER BREAKDOWN:

IO-XLR5-M-EH
Series Identifier
IO-XLR5-M-EH
Number of Pins
IO-XLR5-M-EH
Gender
IO-XLR5-M-EH
Series Identifier
IO-XLR5-M-EH
H = Horizontal PCB Mount

V = Vertical PCB Mount

### STANDARDS & CLASSIFICATIONS





Product specifications may change without prior notification