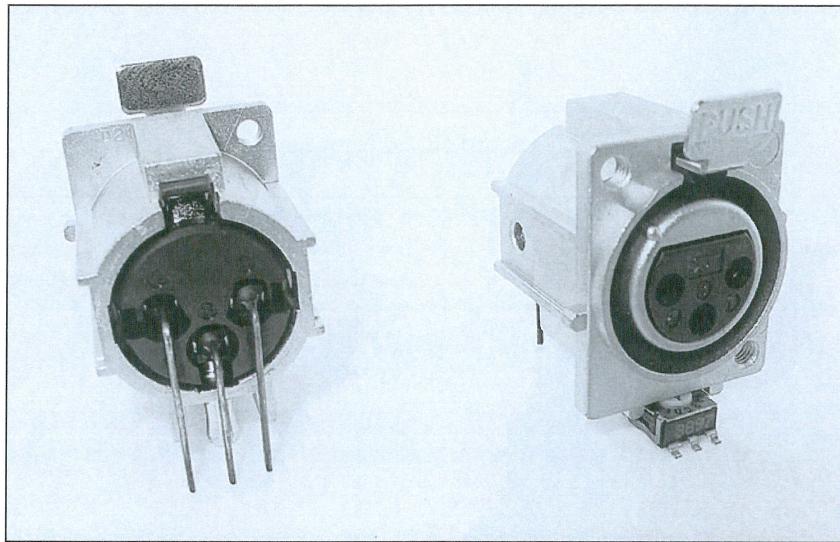


The XLM-PC audio connector is a PCB mount type with metal shell. Improved EMI shielding. Intermateable with XLB2 and XLR products.

Applications:

- Broadcasting Equipment
- Public Address (PA) System



For more information: www.ittcannon.com/cat340

Product Features

- | | | |
|---|---------------------------------|---------------------------------|
| • PCB mount type (metal shell). | • Space-saving (smaller shell). | • Separate ground contact. |
| • Glass-filled nylon insulator, UL 94V-0 rated. | • Snap-in PCB retention. | • Intermateable with XLB2, XLR. |
| • Improved EMI shielding. | • Quick disconnect latch lock. | • With grounding lug. |

Performance Specifications

Contact Resistance	20 mΩ max.: PCS 30 mΩ max.: PCV 50 mΩ max.: PCH
Current Rating	3 A
DWV	1400 V ac
Insulation Resistance	5000 MΩ min. at 500 V dc
Operating Temperature	-35°C to 85°C (-31°F to 185°F)
Voltage Rating	133 V ac

Materials and Finishes

Description	Material	Finish
Contact	Copper Alloy	Silver
Insulator, Socket	PBT Glass-filled, UL 94V-0	—
Insulator, Pin	Nylon, UL 94V-0	—
Shell/Barrel	Zinc Alloy	Nickel



Please contact your local Cannon representative: www.ittcannon.com/support/ContactUs



ITT Industries

Version 05.01.03

Cannon

A-03

Dimensions are shown in mm (inch)
Dimensions subject to change

www.ittcannon.com

XLM-Printed Circuit Board

■ Features

- P. C. B. mount type (Metal shell)
 - Glass-filled nylon insulator (UL94V-0)
 - Improved EMI Shielding
 - Space-saving (smaller shell)
 - Snap-in P. C. B. retention
 - Quick disconnect latch lock
 - Separate ground contact
 - Intermateable with XLB2, XLR, XLA, XLG
 - With Grounding Lug

■ Application

- Amplifiers
 - Equalizers
 - Audio mixers
 - Communications
 - Peripheral Devices
 - Test Instruments
 - Computers
 - Medical Electronics

■ Standard Data

● Specifications(Datail p4)

Rated Current	3A
Service Voltage	133VAC
Dielectric Withstanding Voltage	1400VAC
Insulation Resistance	5000Ωmin. at 500VDC
Contact Resistance	PCS : 20mΩMAX PCV : 30mΩMAX PCH : 50mΩMAX

● Materials(Finishes)

Contacts : Copper Alloy(silver)
Insulator : PBT Glass-filled
Pin : Nylon
Shell/Barrel : Zinc Alloy(Nickel)

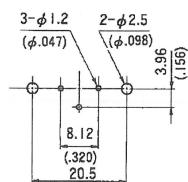
■ How To Order

XLM-3-31-PCS

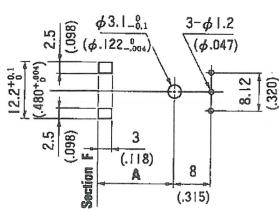
- Series Prefix - -----
 - Contact Arrangements - -----
 - 3
 - Shell Styles - -----
 - 31 — Female Flange Receptacle
 - 32 — Male Flange Receptacle
 - Termination (Printed Circuit Board) - -----
 - PCS — Straight Termination
 - PCV — Vertical 90° Termination
 - PCH-L — Horizontal Left Side Termination (Rear View)
 - PCH-R — Horizontal Right Side Termination (Rear View)

P.C. Board Hole Patterns.(Ref.)

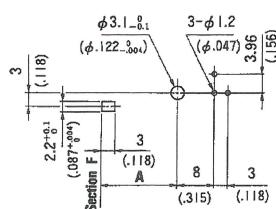
XLM-3-31PCS
XLM-3-32PCS



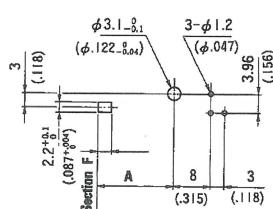
XLM-3-31PCV
XLM-3-32PCV



XLM-3-31PCH-L
XLM-3-32PCH-L



XLM-3-31PCH-R
XLM-3-32PCH-R



* Section E refers to position of Flange front face

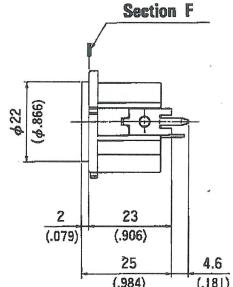
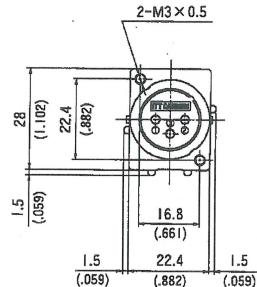
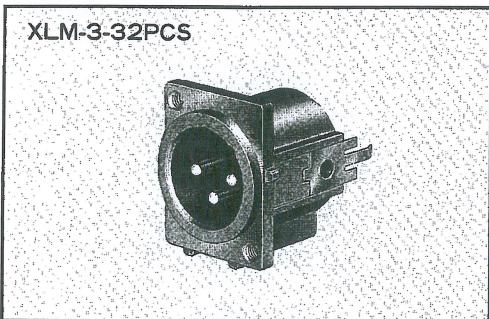
ITT Cannon

Dimensions are shown in millimeters (inches).
Dimensions subject to change.

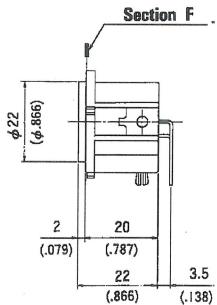
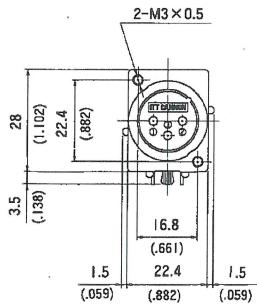
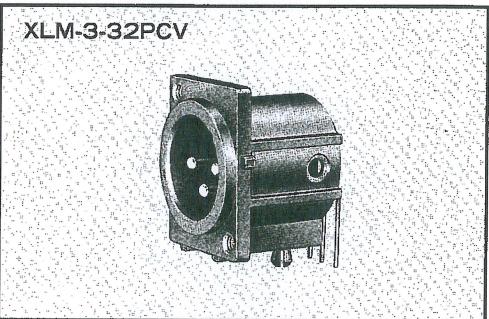
XLM-Printed Circuit Board

■ Male Flange Receptacles

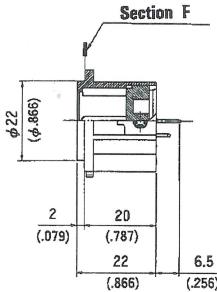
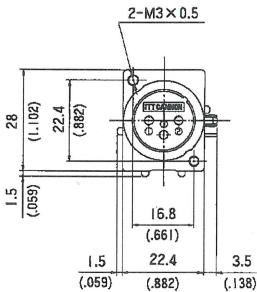
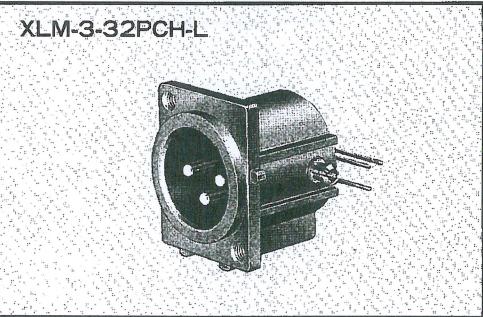
Straight Termination



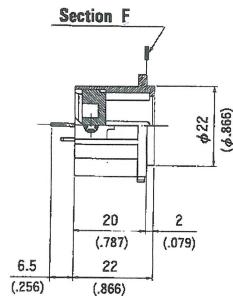
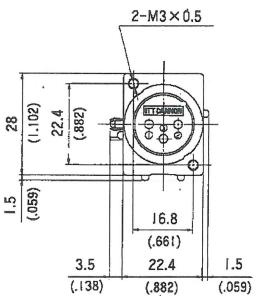
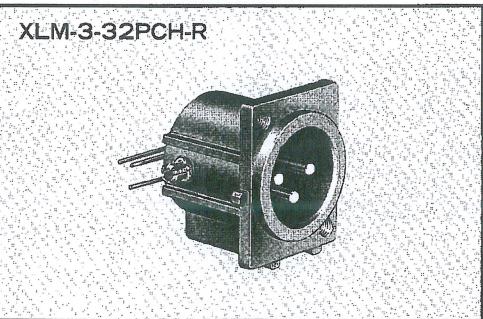
Vertical 90° Termination



Horizontal Left Side Termination (Rear View)



Horizontal Right Side Termination (Rear View)



* Section F refers to position of Flange front face.

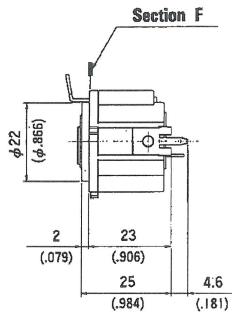
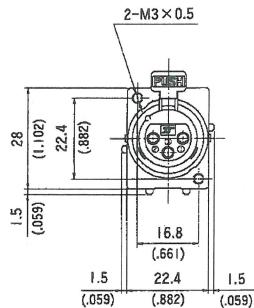
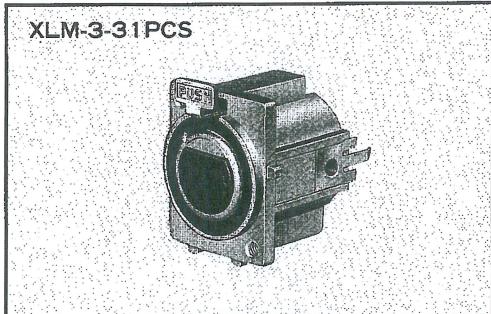
ITT Cannon

Dimensions are shown in millimeters (inches).
Dimensions subject to change.

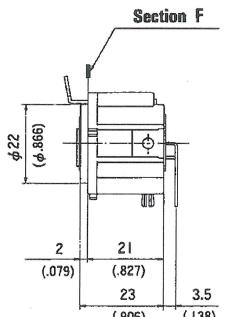
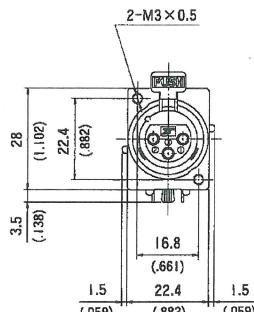
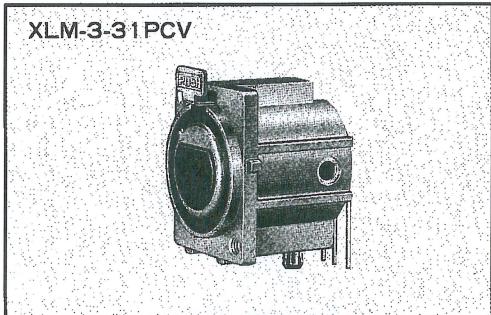
XLM-Printed Circuit Board

■Female Flange Receptacles

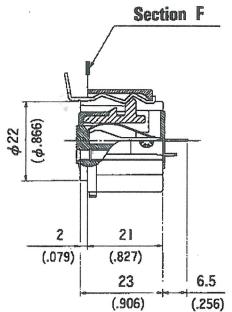
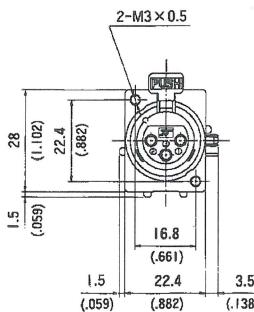
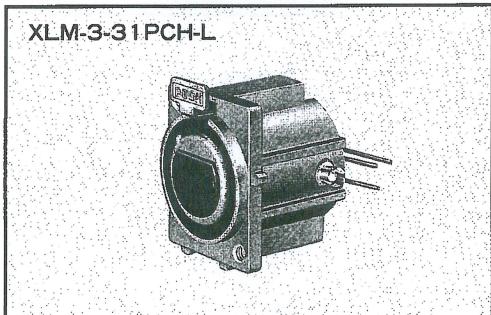
Straight Termination



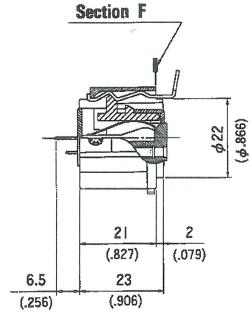
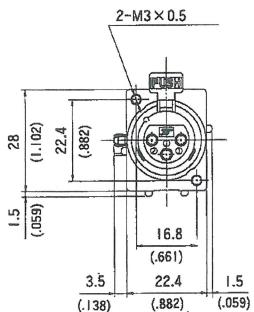
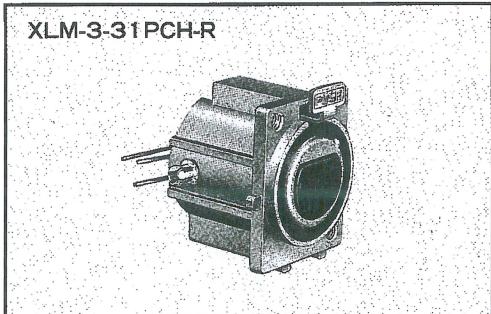
Vertical 90° Termination



Horizontal Left Side Termination (Rear View)



Horizontal Right Side Termination (Rear View)



* Section F refers to position of Flange front face.

ITT Cannon

Dimensions are shown in millimeters (inches).
Dimensions subject to change.