

High Density D Sub Connectors XM4

High-density Connectors Ideal for Interfacing with Electronic Devices

- High-density construction with 15 poles in a standard 9-pole general-purpose shell.
- Shielded connectors that prevent EMI.



Ordering Information

	Right angle terminal XM4L-1542-132	Right angle terminal XM4L-1542-502	Straight terminal XM4L-1541-132	Straight terminal XM4L-1541-502
Shape				
Model	XM4L-1542-132	XM4L-1542-502	XM4L-1541-132	XM4L-1541-502
M.O.Q.	90	90	90	90

M.O.Q.: Minimum Order Quantity

Specifications

Rated current	3A
Rated voltage	250 VAC
Contact resistance	20 mΩ max. (max. 20 mΩ, max. 100 mA)
Insulation resistance	5000 MΩ min. (at 500 VDC)
Withstand voltage	1000 VAC 1 min. (leakage current: 1 mA max.)
Insertion force	max. 58.8N
Pulling out force	min. 13.7N
Insertion tolerance	100 times
Ambient temperature	-25 to +105°C (No condensation at low temperatures.)

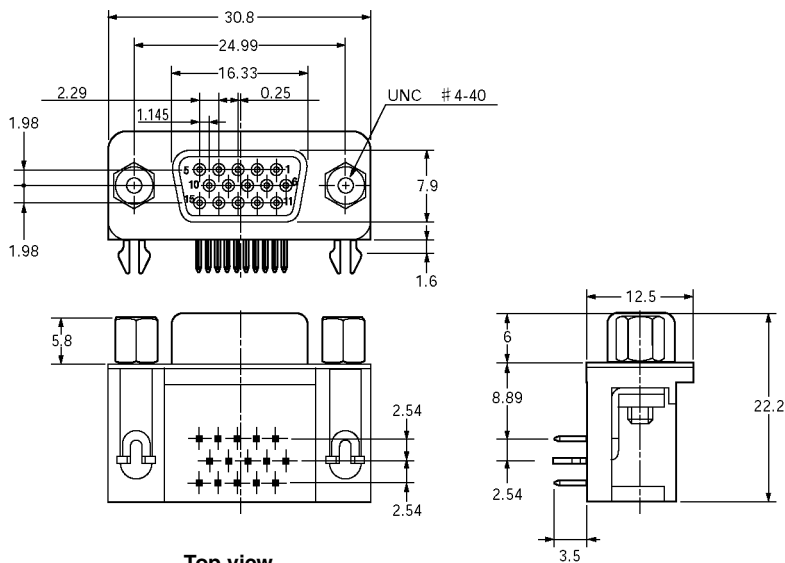
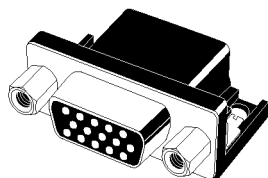
Materials/Finish

Housing	PBT resin with glass (UL 94V-0)/black
Contact	Nickel spring substrate/flash plating
Shell	Copper/tin plating

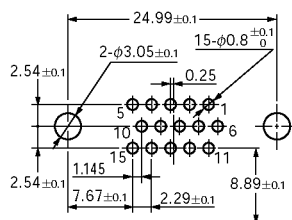
Dimensions

XM4L-1542-132

XM4L-1542-502

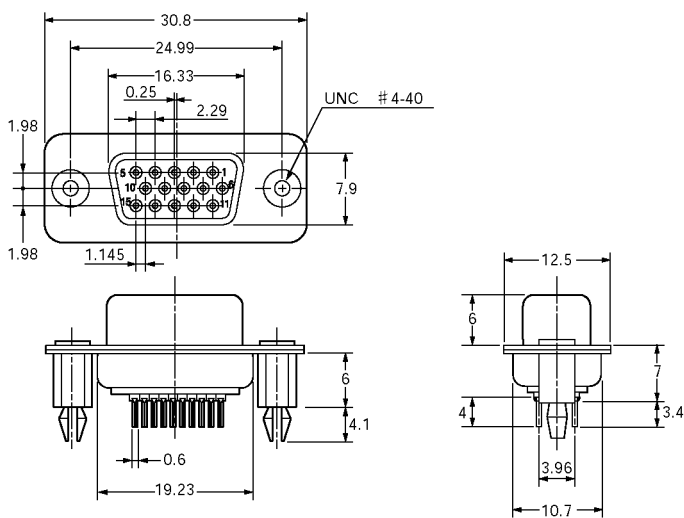
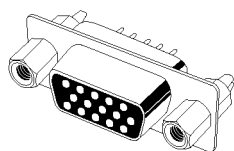


Top view

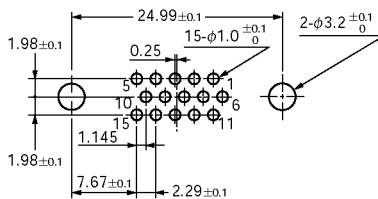


XM4L-1541-132

XM4L-1541-502



Top view



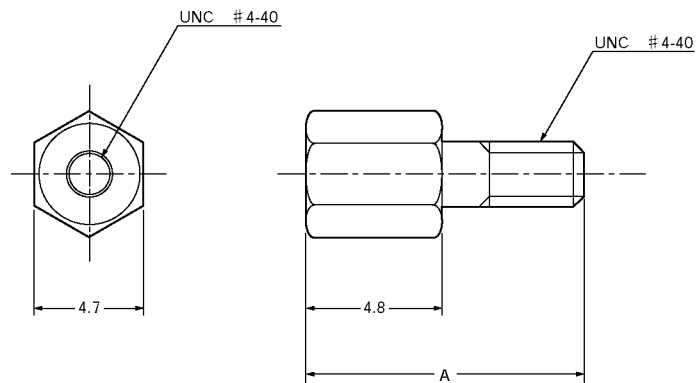
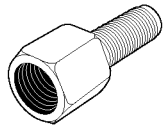
■ Accessories

Order separately.

XM4Z-0023

XM4Z-1023

(inch screws #4-40UNC)



Thickness of adaptor is 0.6–1.3mm.

■ Materials/Finish

Materials/finish	Copper alloy/nickel plate
Packaging	Small box/500 p.c.s

A (mm)	Connector	Model
11.8	XM4L-1542-502	XM4Z-0023
10.0	XM4L-1541-502	XM4Z-1023

Note: XM4Z-0023 – Right-angle terminal

XM4Z-1023 – Straight terminal

Auto soldering

Condition for auto soldering:

1. Soldering temperature: $250 \pm 5^\circ\text{C}$
2. Continuous soldering time: max. 5 seconds

Panel	Without screw fixation	With screw fixation
Setscrew	Setscrew 2	Setscrew 3 or inch screw (#4-40UNC)

MEMO

A large grid of dashed lines for taking notes, consisting of 20 columns and 30 rows.

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