

Slim D-Sub Connector XM3-LS

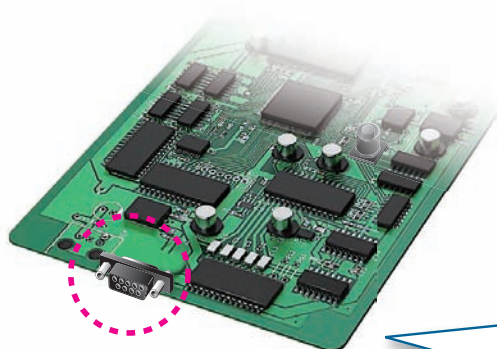


Space-saving 9-pin Slim D-sub Connectors for Boards

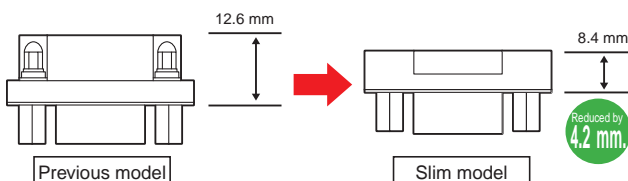
- Board mounting area is reduced by 33% (compared with previous models) using depth of 8.4 mm.
- Nine D-sub right-angle DIP terminals.
- See the "Standards certification / conformity list" for information on conformity to certification standards.



Molding material 30% reduction
(Compared with previous model XM2C-L)



Footprint on board reduced by 33% over previous models.



■ Ratings and Characteristics

Rated current	3 A
Rated voltage	300 VAC
Contact resistance	20 mΩ max. (at 20 mVDC, 100 mA max.)
Insulation resistance	1,000 MΩ min. (at 500 VDC for 1 min)
Withstand voltage	1,000 VAC for 1 min (leakage current: 1 mA max.)
Insertion durability	100 times
Operating temperature	-25 to 105°C (with no condensation or icing)

■ Materials and Finish

Housing	PBT (UL94 V-0)/black
Contacts	Socket Phosphor bronze/nickel base, flash gold plated
	Plug Brass/nickel base, flash gold plated
Shell	Steel/nickel plated
Anchors	Stainless steel
Grounding fixture	Phosphor bronze/tin plated

■ Ordering Information

Socket

Appearance		
No. of contacts Anchors	M2.6 × 0.45	#4-40 UNC
	9	XM3B-0942-112LS XM3B-0942-132LS

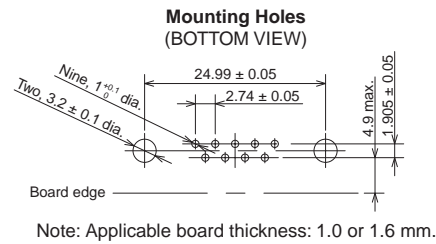
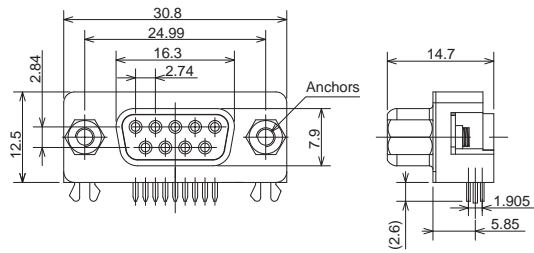
Plug

Appearance		
No. of contacts Anchors	M2.6 × 0.45	#4-40 UNC
	9	XM3C-0942-112LS XM3C-0942-132LS

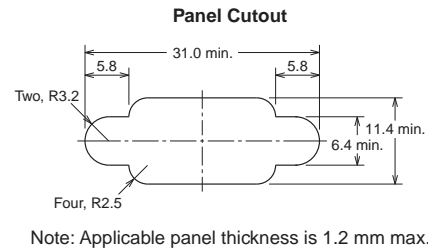
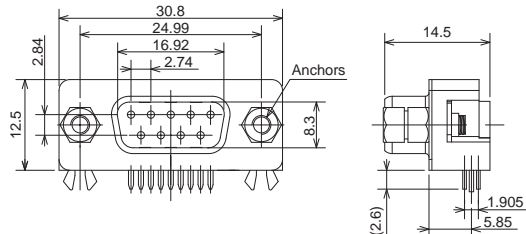
■Dimensions

(Unit: mm)

Socket XM3B-0942-1□2LS



Plug XM3C-0942-1□2LS



Note: The mounting hole and panel cutout dimensions are the same for the Sockets and Plugs.

■Precautions

Precautions for Correct Use

- Insert the connector into the board and then simultaneously dip-solder the connector terminals and lock pins to the board.
- Pull or push the connector straight in or out when you connect or disconnect it. Twisting it may cause damage or faulty contact.
- Do not remove the anchors from the connector. Removing the anchors may cause damage or faulty contact.
- The Plugs cannot be secured to a panel.

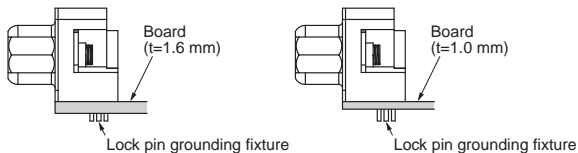
●Automatic Soldering

Automated Soldering Conditions (Jet Flow)

- (1) Soldering temperature: $250 \pm 5^\circ\text{C}$
- (2) Continuous soldering time: within 5 ± 1 s max.

●Mating

Do not connect the Connectors in the wrong direction, otherwise it may be damaged.



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