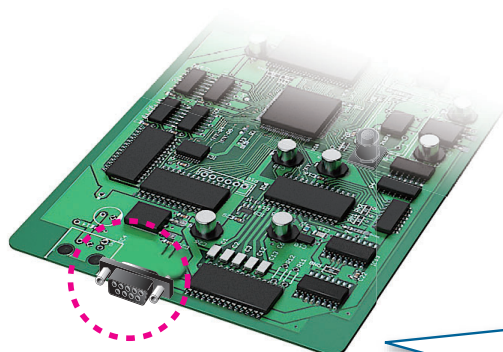


Slim D-Sub Connector Sockets

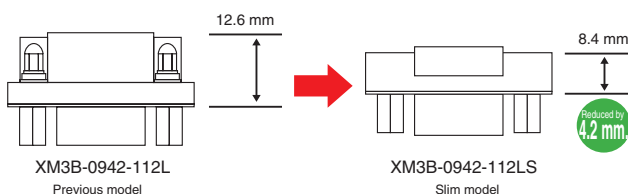
XM3B-LS

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

- Board mounting area is reduced by 33% (compared with previous models) using depth of 8.4 mm.
- D-sub sockets with nine right-angle DIP terminals.
- Mounting board thickness of either 1.6 mm or 1.0 mm (from difference in lock pin structure).



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	Fiber-glass reinforced PBT resin (UL94V-0)/black
Contacts	Phosphor bronze/nickel base, flash gold plated
Shell	Steel/nickel plated
Anchors	Steel/nickel plated
Lock pin grounding fixture	Brass/tin plated

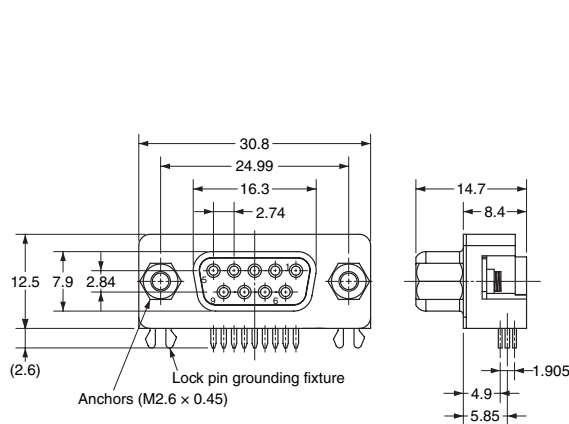
■ Ordering Information

Appearance		Minimum ordering quantity (pieces)
No. of contacts	Accessories	
	Anchors, M2.6 × 0.45	
9	XM3B-0942-112LS	80

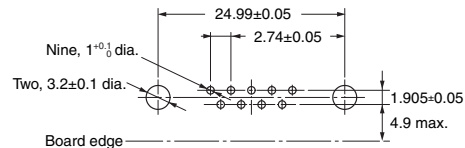
■Dimensions

(Unit: mm)

XM3B-0942-112LS

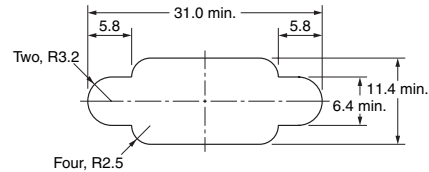


Mounting Holes (BOTTOM VIEW)



Note: Applicable board thickness: 1.6 or 1.0 mm.

Panel Cutout

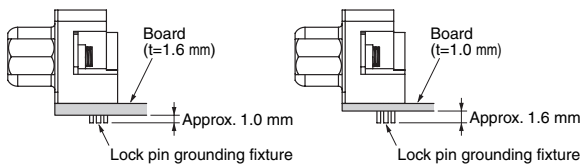


Note: Applicable panel thickness is 1.2 mm max.

■Safety 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.



●Automatic Soldering

Automated Soldering Conditions (Jet Flow)

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

Note: Do not use this document to operate the Unit.

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