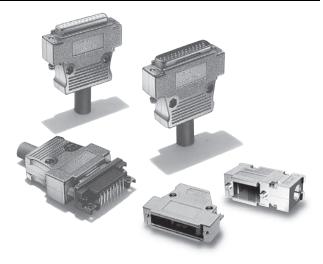
# OMRON D-sub Connector Assembly Hoods

## XM2S

#### D-Sub Connector Assembly Hoods That Are Ideal for Office Equipment Interfaces

- Metallized plastic Hood provides excellent noise protection.
- Connectors are available with cables connected horizontally (9-pin and 25-pin models only) to enable using the space behind the Connectors more effectively.

**RoHS Compliant** 



#### ■ Terminology

#### Metallization

Metallization means make plating processing on the plastic hood.

#### • ESD

Abbreviation of ElectroStatic Discharge

#### ■ Hoods

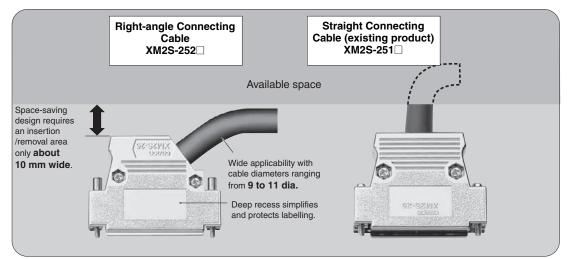
Model	XM2S-□□1□	XM2S-020
Appearance	Hoods	
Reference page	3	4

#### ■ Characteristics

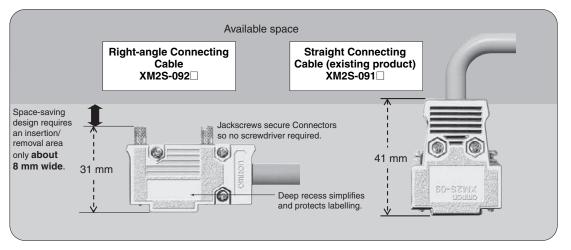
Ambient operating temperature	$-25$ to $85^{\circ}$ C (with no condensation or icing)
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#### Features

#### 25-contact Hoods



9-contact Hoods

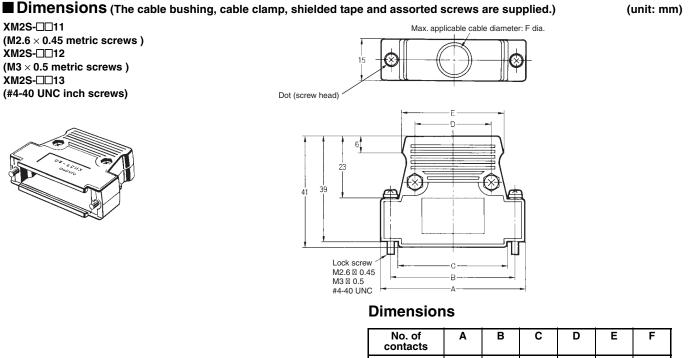


#### Materials and Finish

Housing	ABS nickel plated		
Cable clamp	Steel/nickel plated		
Lock screw	Brass/nickel plated		

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## XM2S Hood Covers



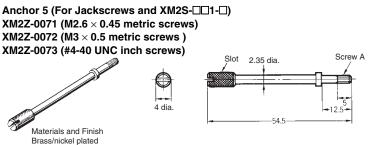
	contacts						
Dot shape (Screw head)		32.2	24.99	18.2	13	24	9
2 dots	15	40.5	33.32	26.5	19	30	10
0	25	54.0	47.04	40	29	38	11
Ŧ	37	70.5	63.50	57	42	50	13
	,	head)     9       2 dots     15       25	head)     9     32.2       2 dots     15     40.5       25     54.0	head)     9     32.2     24.99       2 dots     15     40.5     33.32       25     54.0     47.04	head)     9     32.2     24.99     18.2       2 dots     15     40.5     33.32     26.5       25     54.0     47.04     40	head)     9     32.2     24.99     18.2     13       2 dots     15     40.5     33.32     26.5     19       25     54.0     47.04     40     29	head)     9     32.2     24.99     18.2     13     24       2 dots     15     40.5     33.32     26.5     19     30       25     54.0     47.04     40     29     38

#### Ordering Information

	Lock screw	M2.6 × 0.45 metric screws (No dot)	$M3 \times 0.5$ metric screws (1 dot)	#4-40 UNC inch screws (2 dots)	
Applicable	Anchor 1	XM2Z-0001	XM2Z-0002	XM2Z-0003	
Anchors	Anchor 2	XM2Z-0011	XM2Z-0012	XM2Z-0013	
No. of contacts	Anchor 3	XM2Z-0021	XM2Z-0022	XM2Z-0023	
9		XM2S-0911	XM2S-0912	XM2S-0913	
15		XM2S-1511	XM2S-1512	XM2S-1513	
25		XM2S-2511	XM2S-2512	XM2S-2513	
37		XM2S-3711	XM2S-3712	XM2S-3713	

Note: Lock screws are attached to the Hood. Select D-sub Connectors with Anchors or Grounding Fixtures that fit the lock screw of the Hood.

#### Accessories (Sold Separately)



#### Dimensions

Model	Α	slot	slot shape
XM2Z-0071	$\text{M2.6}\times0.45$	None	
XM2Z-0072	M3×0.5	1	
XM2Z-0073	#4-40 UNC	2	

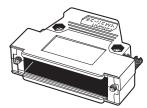
Note: 1. Replace the lock screw that comes with the XM2S with Anchor 5.

2. Anchor 5 cannot be used with XM2S models that have cables connected horizontally.

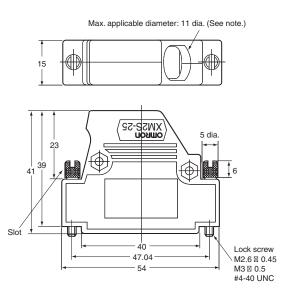
## OMRON

#### Dimensions

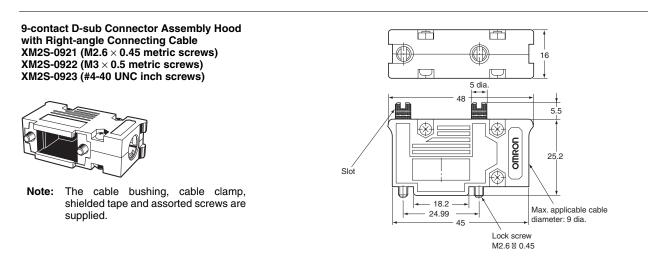
25-contact D-sub Connector Assembly Hood with Right-angle Connecting Cable XM2S-2521 (M2.6  $\times$  0.45 metric screws) XM2S-2522 (M3  $\times$  0.5 metric screws) XM2S-2523 (#4-40 UNC inch screws)



Note: The cable bushing, cable clamp, shielded tape and assorted screws are supplied.



**Note:** The maximum applicable cable diameter is 9 dia if the cable clamp supplied is mounted facing the rear. Do not use a cable bushing in this case.



#### ■ Ordering Information

Туре	Appearance	No. of contacts	Model	Lock screws (See note.)
D-sub Connector As- sembly Hood with Right-angle Connect- ing Cable (nickel plat- ed)			XM2S-2521	M2.6 $\times$ 0.45 metric screws (No slot)
			XM2S-2522	$M3 \times 0.5$ metric screws (1 slot)
			XM2S-2523	#4-40 UNC inch screws (2 slots)
		9	XM2S-0921	M2.6 $\times$ 0.45 metric screws (No slot)
			XM2S-0922	$M3 \times 0.5$ metric screws (1 slot)
			XM2S-0923	#4-40 UNC inch screws (2 slots)

Note: Lock screws are attached to the Hood. Select D-sub Connectors with Anchors or Grounding Fixtures that fit the lock screw of the Hood.

Application examples provided in this document are for reference only. In actual applications, confirm equipment functions and safety before using the product.
Consult your OMRON representative before using the product under conditions which are not described in the manual or applying the product to nuclear control systems, railroad systems, aviation systems, vehicles, combustion systems, medical equipment, amusement machines, safety equipment, and other systems or equipment that may have a serious influence on lives and property if used improperty. Make sure that the ratings and performance characteristics of the product provide a margin of safety for the system or equipment, and be sure to provide the system or equipment with double safety mechanisms.

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

OMRON Corporation ELECTRONIC AND MECHANICAL COMPONENTS COMPANY

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