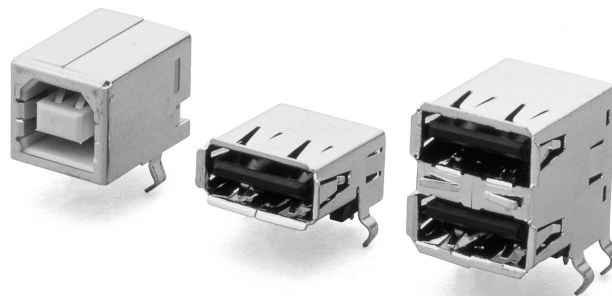


USB Connectors

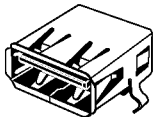
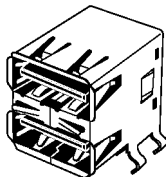
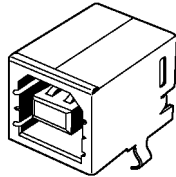
XM7

Compact Interface Connectors Conforming to USB Standards

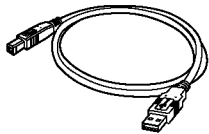
- Connect or disconnect active lines with power supplied to devices.
- High resistance to twisting force, allowing easy connection and disconnection.
- Socket model A is for personal computers and USB hubs while socket model B is for peripheral devices, such as the modem, scanner, or mouse of a personal computer.
- Cables with plugs for socket models A and B can be used to connect to personal computers and peripheral devices.



Ordering Information

	Model A	Model A with 2 tiers	Model B
Shape	Right-angle terminal with kink terminal XM7A-0442 	Right-angle terminal with kink terminal XM7A-0442-A 	Right-angle terminal with kink terminal XM7B-0442 
Model	XM7A-0442	XM7A-0442-A	XM7B-0442
M.O.Q.	30	30	30

M.O.Q.: Minimum Order Quantity

	Model A
USB cable	Cable length: 2m 
Model	XM7Z-200AB-FC2
M.O.Q.	25

M.O.Q.: Minimum Order Quantity

Specifications

Rated current	1A
Rated voltage	30VAC
Contact resistance	30 mΩ max. (max. 20 mΩ, max 100 mA) except for cable conductor resistance.
Insulation resistance	1000 MΩ min. (at 500 VDC)
Withstand voltage	750 VAC 1 min. (leakage current: 1 mA max.)
Insertion force	max. 35N
Pulling out force	min. 10N
Insertion tolerance	1500 times
Ambient temperature	-40 to +85°C (No condensation at low temperatures.)

Materials/Finish

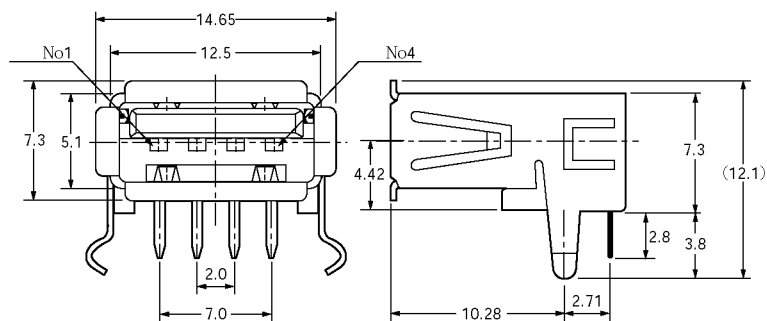
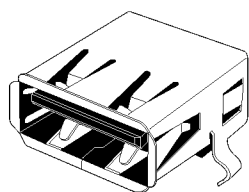
		Socket	
		A type	B type
Housing		PBT resin with glass (UL94V-0)/black	PBT resin with glass (UL94V-1)/white
Contact	Contact	Copper-alloy/nickel spring substrate/palladium	
	Terminal	Copper-alloy/nickel plate	
Shell		Brass/tin alloy plate	

Dimensions

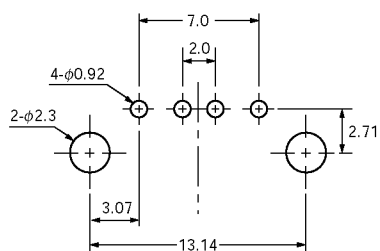
Note: All units are in millimeters unless otherwise indicated.

XM7A-0442

Model A

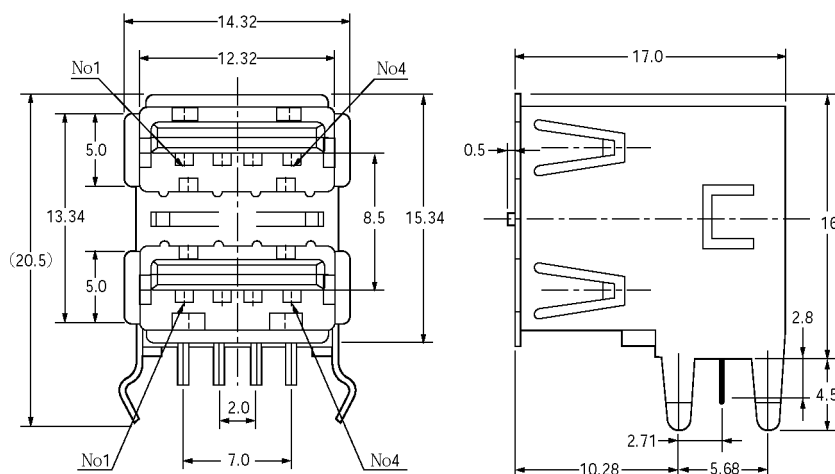
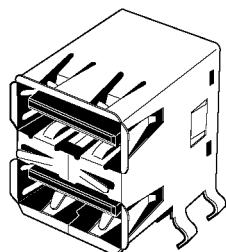


Top view

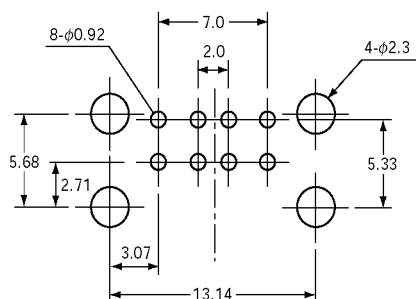


XM7A-0442-A

Model A With 2 Tiers

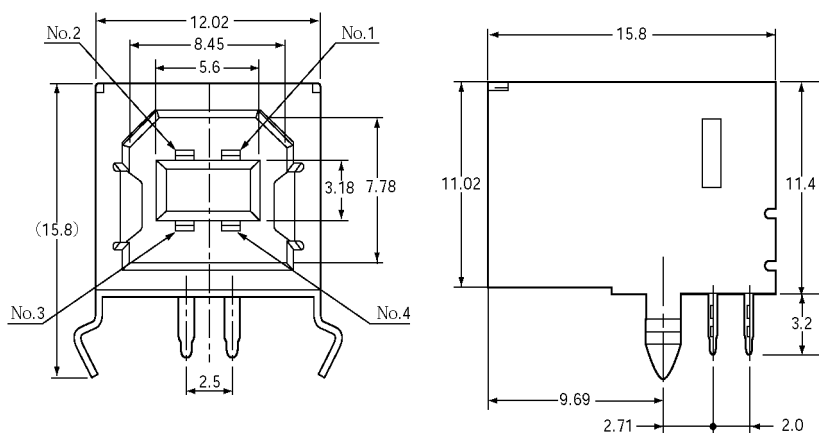
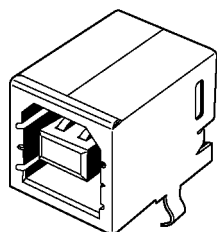


Top view

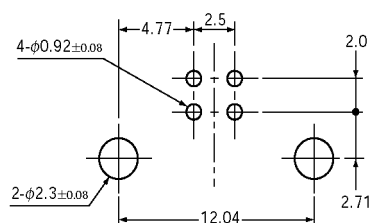


XM7B-0442

Model B

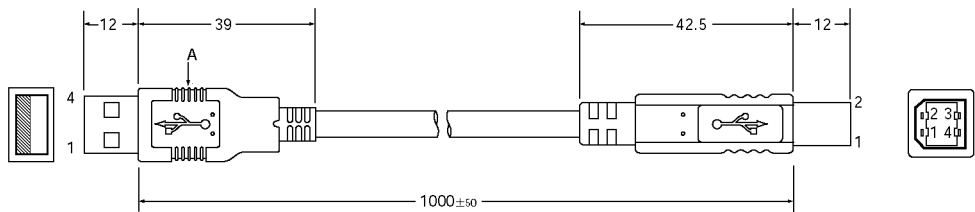
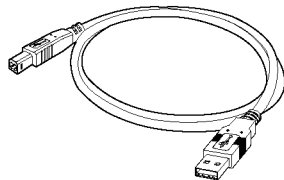


Top view



XM7Z-200AB-EC2

A -B



Cable length: 2m

■ Crossline

A:	B:
1	1 RED
2	2 WHITE
3	3 GREEN
4	4 BLACK

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