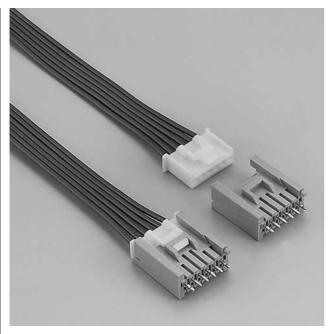
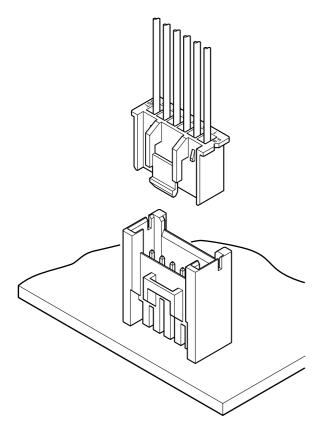


# XM CONNECTOR (High box type)

Disconnectable Crimp style connectors (Board)



This is XM connector high box type, with 20.0mm mounting height and with 8.9mm thickness. This connector exhibits the stable electric connection to the condition such as the vibration, the prying, the micro-current and micro-voltage circuit.



#### Features -

#### Interchangeability

The housing is interchangeable with these of the XM receptacle housing.

#### • Inner-housing lock

This inner-housing lock secures the plug to the receptacle and prevents accidental disconnection. The lock is protected and is not affected by external forces that might result from the routing of wires.

#### Secondary retainers

The secondary retainers enhance safety in case of partial insertion or accidental release of the contact. Even if a contact is inserted incompletely, the retainer guides the contact to the proper position and securely locks it in place.

### Header for 2.5mm pitch XM connector for use specifically with resin coated ("potted") PC boards

This header is tall and fully shrouded so as to prevent the resin used to coat the PC board from coming into contact with the mating pins.

## Specifications -

• Current rating: 3 A AC, DC (AWG #22, #20)

Voltage rating: 250 V AC, DC

• Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current)

• Contact resistance: Initial value/ 10 m $\Omega$  max.

After environmental tests/ 20 m $\Omega$  max.

• Insulation resistance: 500 M $\Omega$  min.

• Withstanding voltage: 1,000 VAC/minute

• Applicable wire: AWG #28 to #20

Applicable PC board thickness: 1.6 mm

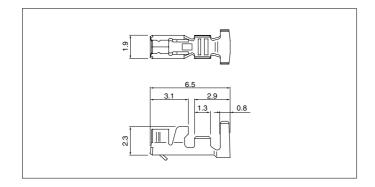
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

\* Contact JST for details.

\* Compliant with RoHS.

# XM CONNECTOR (High box type)

## Contact-



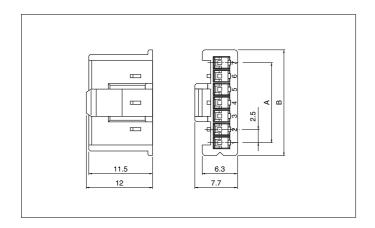
Model No.	Applicable wire			Q'ty/	
Model No.	mm²	AWG #	Insulation O.D. (mm)	reel	
SXA- 01T-P0.6	0.22 to 0.50	24 to 20	1.5 to 1.9	8,000	
SXA-001T-P0.6	0.08 to 0.33	28 to 22	0.8 to 1.9	8,000	

#### Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance

## Housing -



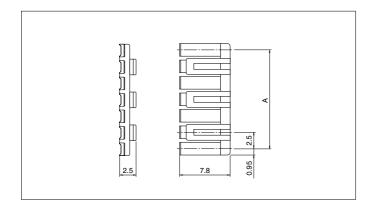
Circuits	Model No.	Dimensions (mm)		Q'ty/
		Α	В	bag
2	XMP-02V	2.5	8.8	1,000
3	XMP-03V	5.0	9.8	1,000
4	XMP-04V	7.5	12.3	1,000
5	XMP-05V	10.0	14.8	500
6	XMP-06V	12.5	17.3	500
7	XMP-07V	15.0	19.8	500
8	XMP-08V	17.5	22.3	500
9	XMP-09V	20.0	24.8	500
10	XMP-10V	22.5	27.3	500

Material

PA 66, UL94V-0

RoHS compliance

## Retainer -



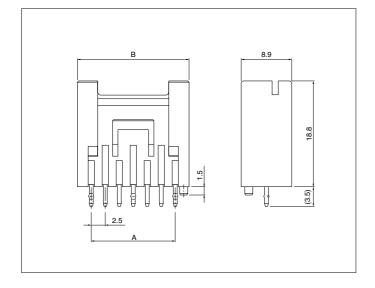
Circuits	Model No.	Α	Q'ty/bag
2	XMS-02V	2.5	1,000
3	XMS-03V	5.0	1,000
4	XMS-04V	7.5	1,000
5	XMS-05V	10.0	1,000
6	XMS-06V	12.5	1,000
7	XMS-07V	15.0	1,000
8	XMS-08V	17.5	1,000
9	XMS-09V	20.0	1,000
10	XMS-10V	22.5	1,000

Material
Glass-filled PA 66, UL94V-0

RoHS compliance

## XM CONNECTOR (High box type)

## Shrouded header -



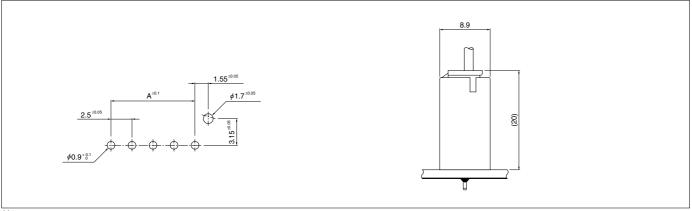
Circuits	Model No.	Dimensions (mm)		Q'ty/
		Α	В	bag
2	BH02B-XMSK	2.5	8.9	770
3	BH03B-XMSK	5.0	9.9	700
4	BH04B-XMSK	7.5	12.4	525
5	BH05B-XMSK	10.0	14.9	455
6	BH06B-XMSK	12.5	17.4	385
7	BH07B-XMSK	15.0	19.9	315
8	BH08B-XMSK	17.5	22.4	280
9	BH09B-XMSK	20.0	24.9	245
10	BH10B-XMSK	22.5	27.4	245

#### Material and Finish

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: Glass-filled PA 66, UL94V-0

RoHS compliance This product displays (LF)(SN) on a label.

## PC board layout (viewed from soldering side) and Assembly layout -



Note:

- 1. Tolerances are non-cumulative: ±0.05 mm for all centers.
- 2. Hole dimensions differ according to the type of PC board and piercing method.
  The dimensions above should serve as a guideline. Contact JST for details.

## Crimping machine, Applicator-

Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
SXA-001T-P0.6	AP-K2N	MKS-L	MK/SXA/M-001-06	APLMK SXA/M001-06
3XA-0011-F0.0	AF-RZIN	*MKS-SC	SC/SXA/M-001-06	APLSC SXA/M001-06
SXA-01T-P0.6	AP-K2N	MKS-L	MK/SXA/M-01-06	APLMK SXA/M01-06
3AA-011-P0.0	AF-RZN	*MKS-SC	SC/SXA/M-01-06	APLSC SXA/M01-06

Note: \*Strip-crimp applicator

## 单击下面可查看定价,库存,交付和生命周期等信息

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