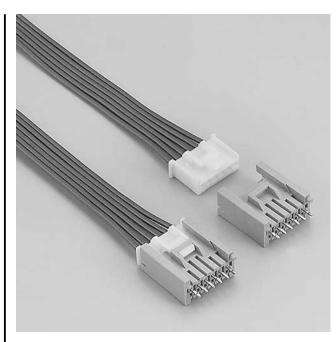
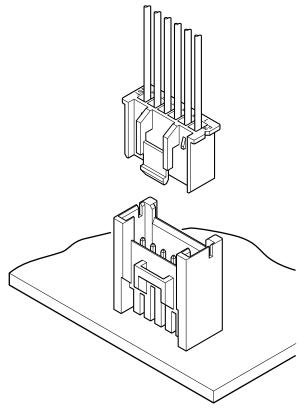


Disconnectable Crimp style connectors (Board)

2.5 mm



This is XM connector high box type, with 20.0 mm mounting height and with 8.9 mm 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.

Retainer

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 suitable for potting process

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/ $10 \text{ m}\Omega$ max.

After environmental tests/ 20 m Ω max.

• Insulation resistance: 500 M Ω min.

• Withstanding voltage: 1,000 VAC/minute

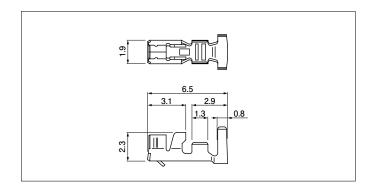
Applicable wire: AWG #28 to #20

• Applicable PC board thickness: 1.6 mm

* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).

- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

Contact -



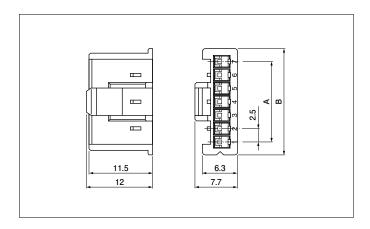
Model No	Applicable wire			Q'ty/	
Model No.	mm ²	AWG #	Insulation O.D. (mm)	reel	
SXA-01T-P0.6	0.22 to 0.50	24 to 20	1.5 to 1.9	8,000	
SXA-001T-P0.6	0.08 to 0.33	28 to 22	0.8 to 1.9	8,000	

Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

RoHS2 compliance

Housing -

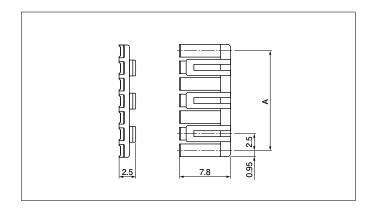


No. of	Model No.	Dimensions (mm)		Q'ty/
circuits	wioder No.	Α	В	bag
2	XMP-02V	2.5	8.8	1,000
3	XMP-03V	5.0	9.8	1,000
4	XMP-04V	7.5	12.3	1,000
5	XMP-05V	10.0	14.8	500
6	XMP-06V	12.5	17.3	500
7	XMP-07V	15.0	19.8	500
8	XMP-08V	17.5	22.3	500
9	XMP-09V	20.0	24.8	500
10	XMP-10V	22.5	27.3	500

Material and Finish
PA 66, UL94V-0

RoHS2 compliance

Retainer -

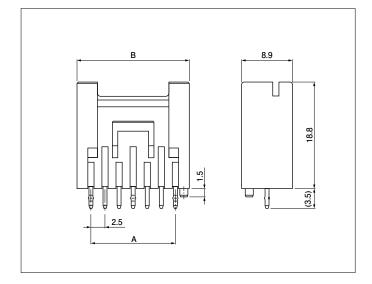


No. of circuits	Model No.	Α	Q'ty/bag
2	XMS-02V	2.5	1,000
3	XMS-03V	5.0	1,000
4	XMS-04V	7.5	1,000
5	XMS-05V	10.0	1,000
6	XMS-06V	12.5	1,000
7	XMS-07V	15.0	1,000
8	XMS-08V	17.5	1,000
9	XMS-09V	20.0	1,000
10	XMS-10V	22.5	1,000

Material and Finish
Glass-filled PA 66, UL94V-0

RoHS2 compliance

Header -



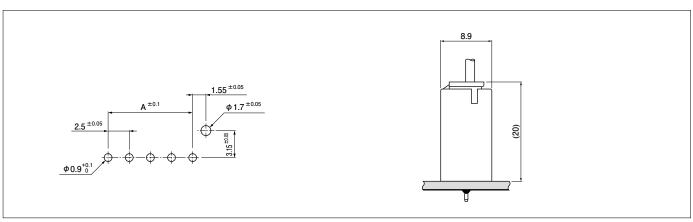
No. of	Model No.	Dimension	Q'ty/	
circuits	wiodei No.	Α	В	bag
2	BH02B-XMSK	2.5	8.9	770
3	BH03B-XMSK	5.0	9.9	700
4	BH04B-XMSK	7.5	12.4	525
5	BH05B-XMSK	10.0	14.9	455
6	BH06B-XMSK	12.5	17.4	385
7	BH07B-XMSK	15.0	19.9	315
8	BH08B-XMSK	17.5	22.4	280
9	BH09B-XMSK	20.0	24.9	245
10	BH10B-XMSK	22.5	27.4	245

Material and Finish

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

RoHS2 compliance This product displays (LF)(SN) on a label.

PC board layout and Assembly layout -

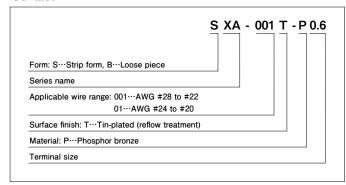


Note: 1. The above figure is the figure viewed from soldering side.

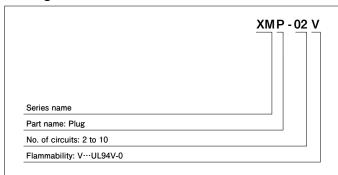
- 2. Tolerances are non-cumulative: \pm 0.05 mm for all centers.
- Hole dimensions differ according to the type of PC board and piercing method.The dimensions above should serve as a guideline. Contact JST for details.

Model number allocation -

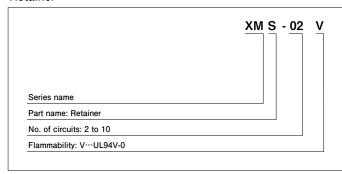
Contact



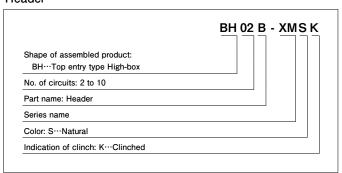
Housing



Retainer



Header



Crimping machine, Applicator -

Contact Crimping machine		Crimp applicator	Dies	Crimp applicator with dies
SXA-001T-P0.6	AD KON	MKS-L	MK/SXA/M-001-06	APLMK SXA/M001-06
SXA-01T-P0.6	AP-K2N		MK/SXA/M-01-06	APLMK SXA/M01-06

Note: Contact JST for fully automatic crimping applicator.