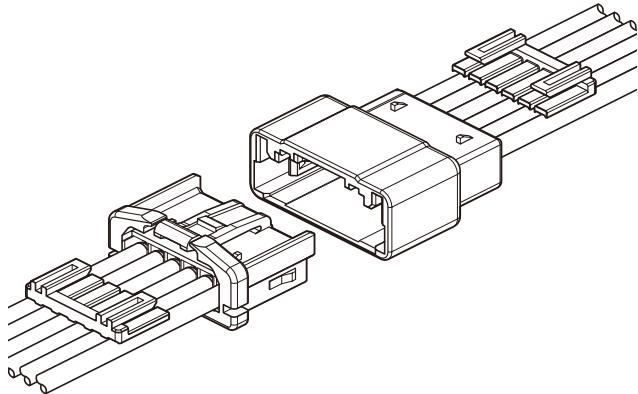


# XMA CONNECTOR

**2.5mm pitch/Disconnectable Crimp style Wire-to-wire connectors**

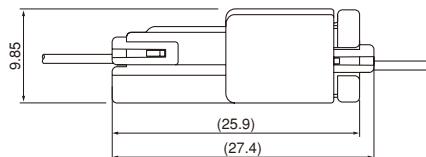


**This connector is a 2.5mm pitch wire-to-wire connector, having incomplete mating prevention mechanism. 2-circuit and 3-circuit connectors have control key to prevent connector from mating with incorrect circuits, thus, several same circuit connectors can be used.**

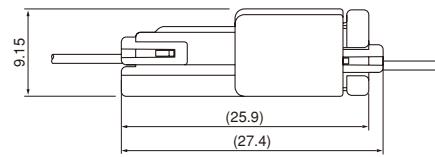
- **Inertial lock structure with side lock mechanism**
- **3 type combination of control key with one kind of circuit**
- **Secure locking structure**
- **Finger-friendly design**

## Assembly layout

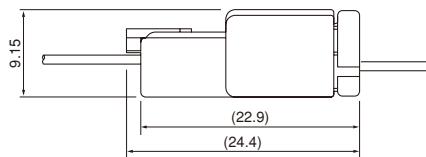
⟨2, 3 circuits⟩



⟨4, 5 circuits⟩



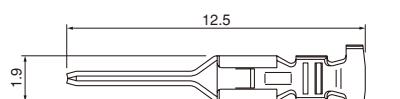
⟨6 circuits⟩



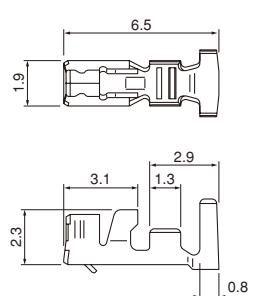
*Note: The dimensions above should serve as a guideline. Contact JST for details.*

## Contact

### ● Pin contact



### ● Socket contact



Model No.		Applicable wire		Insulation O.D. (mm)	Q'ty / reel	
Pin contact	Socket contact	mm <sup>2</sup>	AWG #		Pin contact	Socket contact
<b>SXM-001T-P0.6</b>	<b>SXA-001T-P0.6L</b>	0.13~0.33	26~22	1.3~1.9	7,000	8,000

### Material and Finish

Copper alloy, tin-plated (reflow treatment)

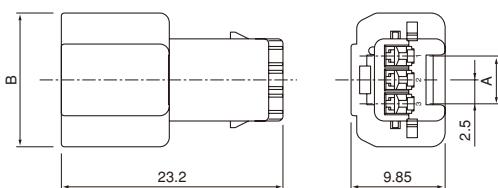
### RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
<b>SXM-001T-P0.6</b>	AP-K2N	MKS-L	MK/SXA/M-001-06	APLMK SXA/M001-06
		*MKS-SC	SC/SXA/M-001-06	APLSC SXA/M001-06
<b>SXA-001T-P0.6L</b>		MKS-L	MK/SXA-001-06L	APLMK SXA001-06L
		*MKS-SC	SC/SXA-001-06L	APLSC SXA001-06L

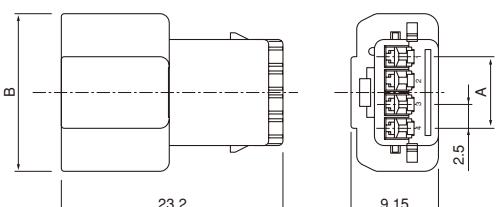
Note: \*Strip-crimp applicator

## Receptacle housing (for pin contact)

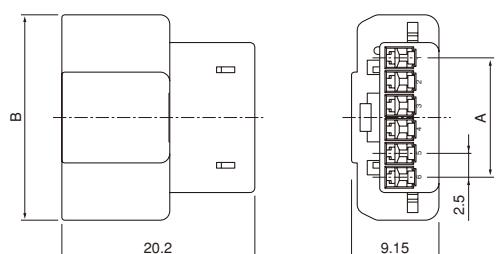
### 〈2, 3 circuits〉



### 〈4, 5 circuits〉



### 〈6 circuits〉



Circuits	Model No.	Color	Dimensions (mm)		Q'ty / bag
			A	B	
2	<b>XMAR-02VF-1-S</b>	Natural (white)	2.5	12.5	1,000
	<b>XMAR-02VF-2-R</b>	Red			
	<b>XMAR-02VF-3-E</b>	Blue			
3	<b>XMAR-03VF-1-S</b>	Natural (white)	5.0	14.0	1,000
	<b>XMAR-03VF-2-R</b>	Red			
	<b>XMAR-03VF-3-E</b>	Blue			
4	<b>XMAR-04VF-S</b>	Natural (white)	7.5	16.5	500
5	<b>XMAR-05VF-S</b>	Natural (white)	10.0	19.0	500
6	<b>XMAR-06VF-S</b>	Natural (white)	12.5	21.5	500

### Material

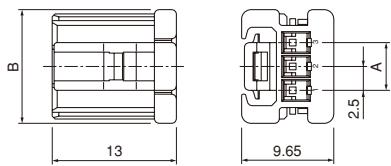
Glass-filled PBT, UL94V-0

### RoHS compliance

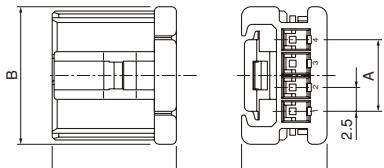
# XMA CONNECTOR

## Plug housing (for socket contact)

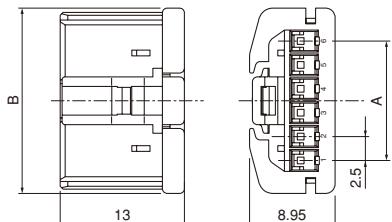
⟨2, 3 circuits⟩



⟨4, 5 circuits⟩



⟨6 circuits⟩



Circuits	Model No.	Color	Dimensions (mm)		Q'ty / bag
			A	B	
2	XMAP-02V-1-S	Natural (white)	2.5	9.4	1,000
	XMAP-02V-2-R	Red			
	XMAP-02V-3-E	Blue			
3	XMAP-03V-1-S	Natural (white)	5.0	11.9	1,000
	XMAP-03V-2-R	Red			
	XMAP-03V-3-E	Blue			
4	XMAP-04V-S	Natural (white)	7.5	14.4	1,000
5	XMAP-05V-S	Natural (white)	10.0	16.9	500
6	XMAP-06V-S	Natural (white)	12.5	19.4	500

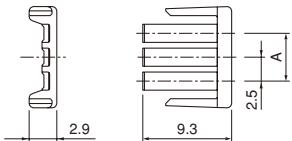
### Material

Glass-filled PBT, UL94V-0

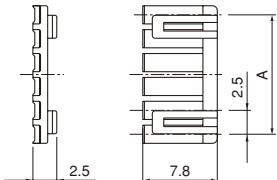
### RoHS compliance

## Retainer

⟨2 to 5 circuits⟩



⟨6 circuits⟩



Circuits	Model No.	Color	Dimensions (mm)		Q'ty / bag
			A		
2	XMAS-02V-S	Natural (ivory)	2.5		1,000
3	XMAS-03V-S	Natural (ivory)	5.0		1,000
4	XMAS-04V-S	Natural (ivory)	7.5		1,000
5	XMAS-05V-S	Natural (ivory)	10.0		1,000
6	XMS-06V	Natural (ivory)	12.5		1,000

### Material

Glass-filled PA 66, UL94V-0

### RoHS compliance

Note: 6 circuits of retainer is interchangeable with those of the XM and XA connectors.