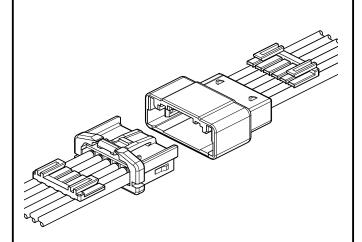


XMA CONNECTOR

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



This connector is a 2.5 mm pitch wire-towire 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
- 5 type combination of control key with one kind of circuit
- Secure locking structure
- Finger-friendly design

Specifications —

- Current rating: 3 A AC/DC (AWG#22)
- Voltage rating: 250 V AC/DC
- Temperature range: -25℃ to +85℃

(including temperature rise in applying

electrical current)

• Contact resistance: Initial value/ 10 m Ω max.

After environmental tests/ 20 m Ω max.

- \bullet Insulation resistance: 500 $M\Omega\,$ min.
- Withstanding voltage: 1,500 VAC/minute
- Applicable wire: AWG#26 to #22
 0.13 mm² to 0.33 mm²
- * 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.

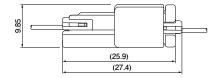
Standards -

Recognized E 60389

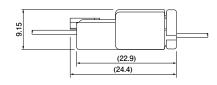
⊕ Certified LR20812

Assembly layout

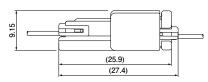
(2, 3 circuits)



(6 circuits)



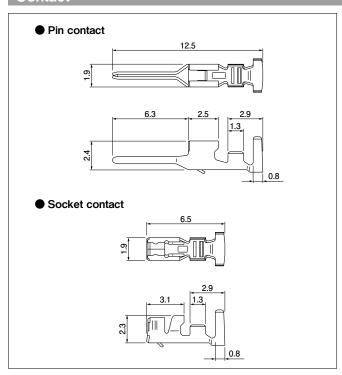
(4, 5 circuits)



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

XMA CONNECTOR

Contact



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

Material and Finish

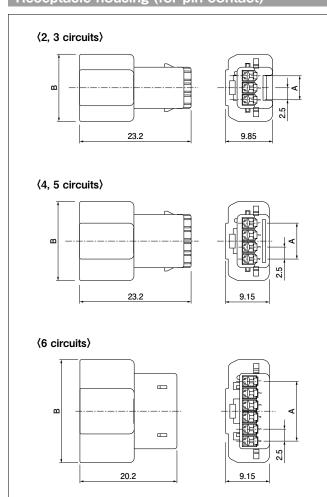
Copper alloy, tin-plated (reflow treatment)

RoHS2 compliance

	Contact	Crimping		Applicator		
	Contact	machine	Crimp applicator	Dies	Crimp applicator with dies	
	SXM-001T-P0.6	AP-K2N	MKS-L	MK/SXA/M-001-06	APLMK SXA/M001-06	
	SXA-001T-P0.6L	IVIN-5-L	MK/SXA-001-06L APLMK SXA001-0			

Note: Contact JST for fully automatic crimping applicator.

Receptacle housing (for pin contact)



No. of	Model No.	Color	Dimension	ons (mm)	Q'ty/bag
circuits		Color	Α	В	
2	XMAR-02VF-1-S	Natural (white)		12.5	1,000
	XMAR-02VF-2-R	Red	2.5		
	XMAR-02VF-3-E	Blue			
	XMAR-02VF-4-Y	Yellow			
	XMAR-02VF-5-PK	Pink			
	XMAR-03VF-1-S	Natural (white)		14.0	1,000
3	XMAR-03VF-2-R	Red	5.0		
3	XMAR-03VF-3-E	Blue			
	XMAR-03VF-4-Y	Yellow			
4	XMAR-04VF-S	Natural (white)	7.5	16.5	500
5	XMAR-05VF-S	Natural (white)	10.0	19.0	500
6	XMAR-06VF-S	Natural (white)	12.5	21.5	500

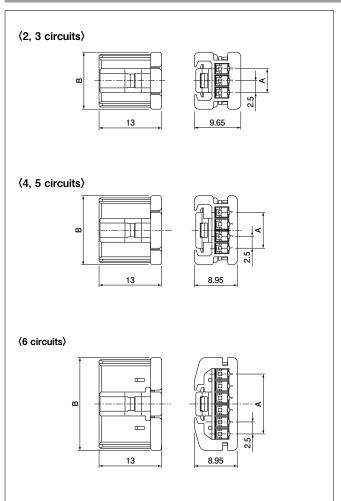
Material and Finish

Glass-filled PBT, UL94V-0

RoHS2 compliance

XMA CONNECTOR

Plug housing (for socket contact)



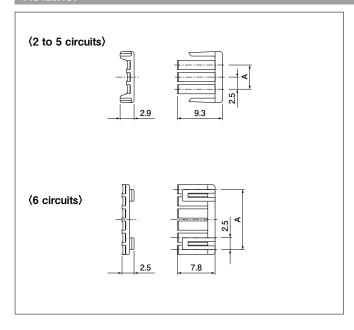
	Dimensions (mm)				
No. of circuits	Model No.	Color		B B	Q'ty/bag
	V444 D 00V 4 0		^	ь	
	XMAP-02V-1-S	Natural (white)		9.4	1,000
	XMAP-02V-2-R	Red	2.5		
2	XMAP-02V-3-E	Blue			
	XMAP-02V-4-Y	Yellow			
	XMAP-02V-5-PK	Pink			
	XMAP-03V-1-S	Natural (white)		11.9	1,000
	XMAP-03V-2-R	Red			
3	XMAP-03V-3-E	Blue	5.0		
	XMAP-03V-4-Y	Yellow			
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 and Finish

Glass-filled PBT, UL94V-0

RoHS2 compliance

Retainer



No. of circuits	Model No.	Model No. Color		Q'ty/bag
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 and Finish

Glass-filled PA 66, UL94V-0

RoHS2 compliance

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

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