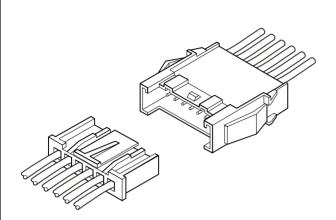


A CONNECTOR

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



2.5mm pitch wire-to-wire connector that can mate with the socket of XA connector (board-to-wire type). Reliable secondary retainer is available. Panel mount is applicable.

- Possible to mate with the existing XA socket
- Inner type contact lance
- · Mountable on a variety of panels
- Secondary retainer
- Secure lock construction

Specifications -

Current rating: 3A AC, DC max. (AWG #20)

• Voltage rating: 250V AC, DC max. • Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current)

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

After environmental testing/20m Ω max.

• Insulation resistance: 500M Ω min. • Withstanding voltage: 1,500V AC/minute

• Applicable wire: AWG #28 to #20

* Compliant with RoHS.

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

* Contact JST for details.

Standards -

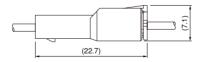
Recognized E60389

Certified LR20812

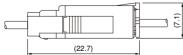
▲ R9851220

Panel layout and Assembly layout

Without panel locks



With panel locks

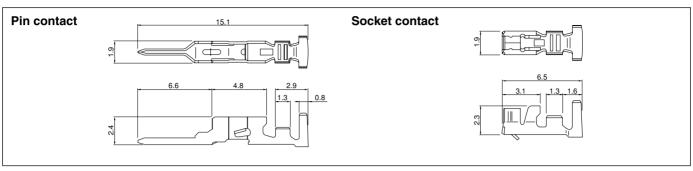




Note: C and D dimensions: Refer to receptacle housing.

XA CONNECTOR

Contact



Model No.		Applicable wire		Inculation O.D. (mm)	Q'ty / reel	
Pin contact	Socket contact	mm²	AWG #	Insulation O.D.(mm)	Pin contact	Socket contact
SXAM-001T-P0.6	SXA-001T-P0.6	0.08~0.33	28~22	0.8~1.9	7,000	8,000
SXAM-01T-P0.6	SXA-01T-P0.6	0.22~0.5	24~20	1.5~1.9	7,000	8,000

Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

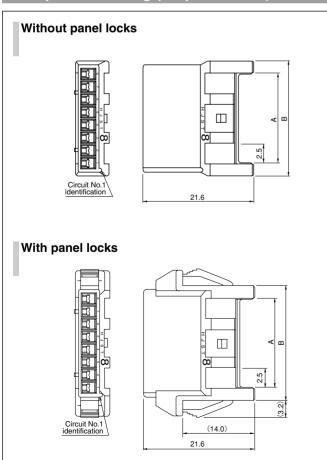
RoHS compliance
Note: Contact JST for gold-plated products.

Contact	Crimping	Applicator			
Contact	machine	Crimp applicator	Dies	Crimp applicator with dies	
SXA-001T-P0.6	- AP-K2N	MKS-L	MK/SXAM/XA-001-06	APLMK SXAM/XA001-06	
3AA-0011-F0.0		*MKS-SC	SC/SXAM/XA-001-06	APLSC SXAM/XA001-06	
SXA-01T-P0.6		MKS-L	MK/SXAM/XA-01-06	APLMK SXAM/XA01-06	
3AA-011-P0.0		*MKS-SC	SC/SXAM/XA-01-06	APLSC SXAM/XA01-06	

Note: *Strip-crimp applicator

Contact	Crimping	Applicator				
Contact	machine	Crimp applicator	Dies	Crimp applicator with dies		
SXAM-001T-P0.6	- AP-K2N	MKS-L	MK/SXAM/XA-001-06	APLMK SXAM/XA001-06		
3AAW-0011-F0.0		*MKS-SC	SC/SXAM/XA-001-06	APLSC SXAM/XA001-06		
SXAM-01T-P0.6		MKS-L	MK/SXAM/XA-01-06	APLMK SXAM/XA01-06		
3AAW-011-PU.0		*MKS-SC	SC/SXAM/XA-01-06	APLSC SXAM/XA01-06		

Receptacle housing (for pin contact)



Circuits	Model No.		Dimensions (mm)				Q'ty /
Circuits	Without panel locks	With panel locks	Α	В	С	D	bag
2	XARR-02VF	XARR-02V	2.5	7.5	7.9	11.2	1,000
3	XARR-03VF	XARR-03V	5.0	10.0	10.4	13.7	1,000
4	XARR-04VF	XARR-04V	7.5	12.5	12.9	16.2	1,000
5	XARR-05VF	XARR-05V	10.0	15.0	15.4	18.7	1,000
6	XARR-06VF	XARR-06V	12.5	17.5	17.9	21.2	500
7	_	XARR-07V	15.0	20.0	20.4	23.7	500
8	XARR-08VF	XARR-08V	17.5	22.5	22.9	26.2	500
9	XARR-09VF	XARR-09V	20.0	25.0	25.4	28.7	500
10	XARR-10VF	XARR-10V	22.5	27.5	27.9	31.2	500
11	_	XARR-11V	25.0	30.0	30.4	33.7	500
12	XARR-12VF	XARR-12V	27.5	32.5	32.9	36.2	500
13		XARR-13V	30.0	35.0	35.4	38.7	500
14		XARR-14V	32.5	37.5	37.9	41.2	500
15	_	XARR-15V	35.0	40.0	40.4	43.7	500

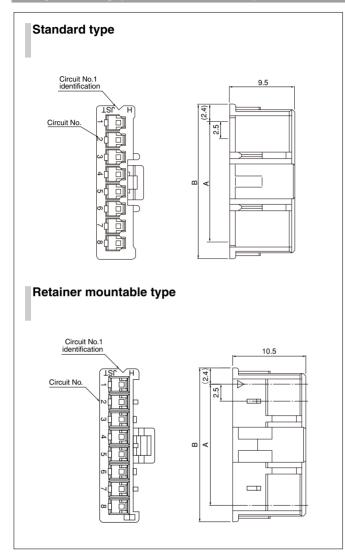
Material PA 66, UL94V-0, natural (white)

RoHS compliance

Note: C and D dimensions: Panel layout dimensions

XA CONNECTOR

Plug housing (for socket contact)

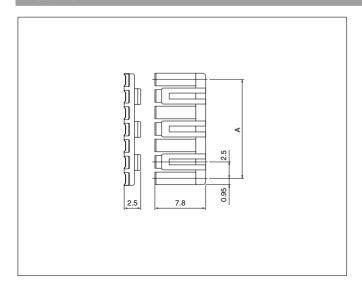


	Model No.			Dimensions (mm)		Q'ty / bag	
Circuits	Standard type	Retainer mountable type	А	В	Standard type	Retainer mountable type	
2	XAP-02V-1	XARP-02V	2.5	7.3	1,000	1,000	
3	XAP-03V-1	XARP-03V	5.0	9.8	1,000	1,000	
4	XAP-04V-1	XARP-04V	7.5	12.3	1,000	1,000	
5	XAP-05V-1	XARP-05V	10.0	14.8	1,000	1,000	
6	XAP-06V-1	XARP-06V	12.5	17.3	1,000	1,000	
7	XAP-07V-1	XARP-07V	15.0	19.8	1,000	1,000	
8	XAP-08V-1	XARP-08V	17.5	22.3	1,000	1,000	
9	XAP-09V-1	XARP-09V	20.0	24.8	1,000	1,000	
10	XAP-10V-1	XARP-10V	22.5	27.3	1,000	1,000	
11	XAP-11V-1	XARP-11V	25.0	29.8	1,000	1,000	
12	XAP-12V-1	XARP-12V	27.5	32.3	1,000	1,000	
13	XAP-13V-1	XARP-13V	30.0	34.8	1,000	1,000	
14	XAP-14V-1	XARP-14V	32.5	37.3	500	1,000	
15	XAP-15V-1	XARP-15V	35.0	39.8	500	1,000	

Material
PA 66, UL94V-0, natural (white)

RoHS compliance

Retainer



Circuits	Model No.	A	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
11	XMS-11V	25.0	1,000
12	XMS-12V	27.5	1,000
13	XMS-13V	30.0	1,000
14	XMS-14V	32.5	1,000
15	XMS-15V	35.0	1,000
	<u> </u>		

Material
Glass-filled PA 66, UL94V-0, natural (ivory)

RoHS compliance