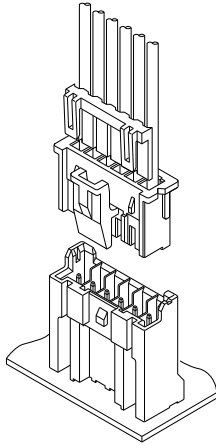


PXA CONNECTOR

2.5mm pitch/Disconnectable Crimp style connectors



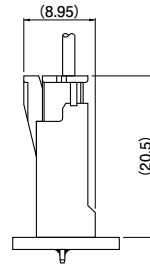
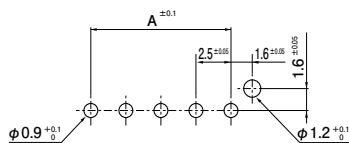
Secondary retainer mountable 2.5mm pitch high-box type, with 20.5mm mounting height. Fully shrouded header has the walls between every circuit to consider as the structure against vibration or prying.

- Secure locking device
- Fully shrouded header
- Header for use specifically with resin coated ("potted") PC boards
- PC board layout is exactly same as XA connector
- Secondary retainer

Specifications

- Current rating: 3A AC, DC (AWG #22)
- Voltage rating: 250V AC, DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/10mΩ max.
After environmental testing/20mΩ max.
- Insulation resistance: 1,000MΩ min.
- Withstanding voltage: 1,000V AC/minute
- Applicable wire: AWG #26 to #22
- Applicable PC board thickness: 1.6mm
- * Compliant with RoHS.
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.

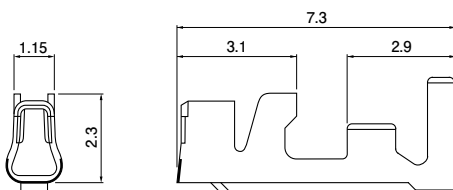
PC board layout (viewed from component side) and Assembly layout



Note: 1. Tolerances are non-cumulative: ± 0.05mm for all centers.

2. Hole dimension differ according to the kind of PC board and piercing method. If PC boards made of hard material are used, the hole dimensions should be larger. The dimensions above should serve as a guideline. Contact JST for details.

Contact



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm ²	AWG#		
SPXA-001T-P0.6	0.13 to 0.33	26 to 22	1.2 to 1.9	7,000

Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

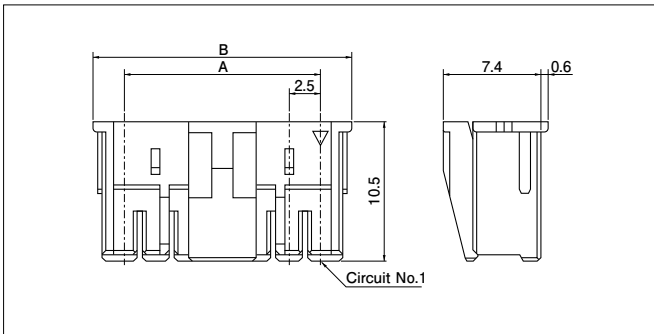
RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SPXA-001T-P0.6	AP-K2N	MKS-L	MK/SPXA-001-06	APLMK SPXA001-06

Note: Contact JST for fully automatic crimping applicator.

PXA CONNECTOR

Housing



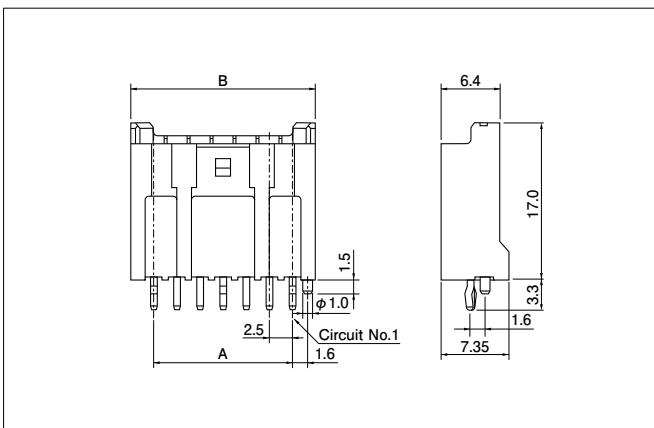
No. of circuits	Model No.	Dimensions (mm)		Q'ty/bag
		A	B	
2	PXARP-02V	2.5	7.3	1,000
3	PXARP-03V	5.0	9.8	1,000
6	PXARP-06V	12.5	17.3	1,000

Material

PA 66, UL94V-0, natural (white)

RoHS compliance

Header



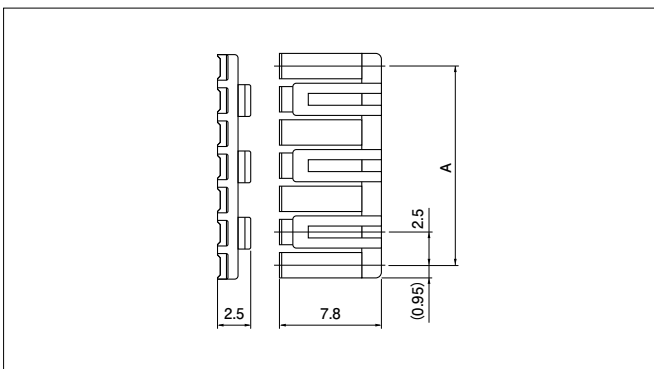
No. of circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
2	BH02B-PXASK	2.5	7.5	400
3	BH03B-PXASK	5.0	10.0	400
6	BH06B-PXASK	12.5	17.5	200

Material and Finish

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

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

Retainer



No. of circuits	Model No.	A	Q'ty/bag
2	XMS-02V	2.5	1,000
3	XMS-03V	5.0	1,000
6	XMS-06V	12.5	1,000

Material

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

RoHS compliance

PXA CONNECTOR

Model number allocation

Contact

S PXA - 001 T - P 0.6

Form: S...Strip form

Series name

Applicable wire range: AWG #26 to #22

Surface finish: T...Tin-plated (reflow treatment)

Material: P...Phosphor bronze

Terminal size

Housing

PXA RP - 02 V -

Series name

Part name: Plug (Retainer mountable type)

No. of circuits: 2, 3, 6

Flammability: V...UL94V-0

Color: None...Natural (White), K...Black, R...Red, E...Blue

Header

BH 02 B - PXA S K

Shape of assembled product:
BH...Top entry type High-box

No. of circuits: 2, 3, 6

Part name: Header

Series name

Color: S...Natural (Ivory), K...Black, R...Red, E...Blue

Indication of clinch: K...Clinched

Retainer

XM S - 02 V

Series name

Part name: Retainer

No. of circuits: 2, 3, 6

Flammability: V...UL94V-0