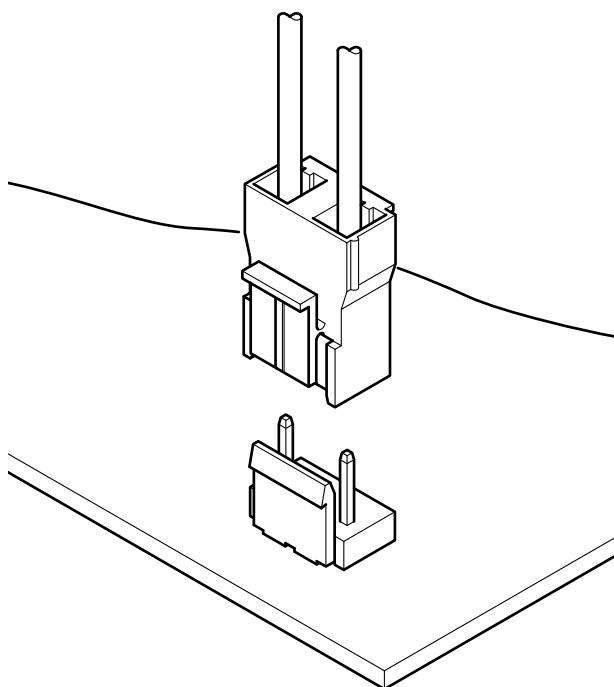




# VAJ CONNECTOR

7.92 mm pitch/Disconnectable Crimp style connectors



7.92 mm pitch crimp style, large current carrying capacity connector, that is best suited for various kinds of power supply circuits. Box-shaped contacts offer reliable connection.

- Housing lances
- Box contact
- Secure contact and mounting
- Applicable up to 10 A

## Specifications

- Current rating: 10 A AC, DC (AWG #16)
- 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 mΩ max.  
After environmental tests/ 20 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage: 1,500 VAC/minute
- Applicable wire: AWG #20 to #16
- Applicable PC board thickness: 1.6 mm

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

\* Contact JST for details.

\* Compliant with RoHS.

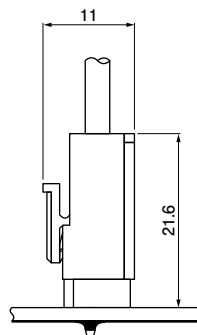
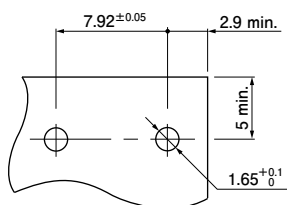
## Standards

Recognized E 60389

Certified LR 20812

R9251675

## PC board layout and Assembly layout



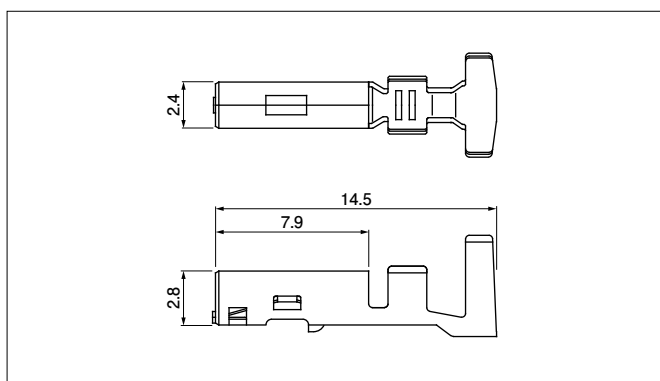
Note: 1. The above figure viewed from the connector mounting side.

2. Tolerances are non-cumulative:  $\pm 0.05$  mm for all centers.

3. 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.

# VAJ CONNECTOR

## Contact



Model No.	AWG #	Insulation O.D. (mm)	Q'ty/reel
SVT-41T-P1.1	20 to 16	3.9 to 2.7	2,500

### Material and Finish

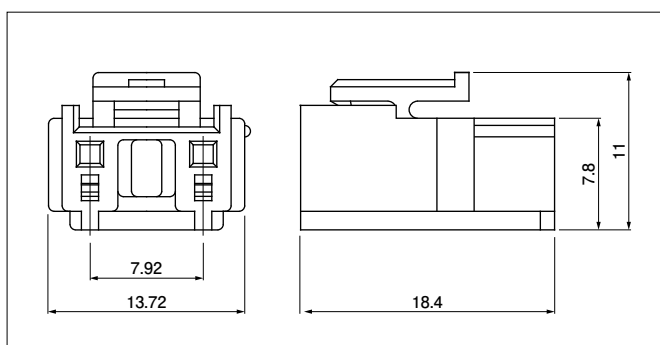
Alloy (phosphor bronze system), tin-plated (reflow treatment)

### RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SVT-41T-P1.1	AP-K2N	MKS-L	MK/SVT-41-11	APLMK SVT41-11

Note: Contact JST for fully automatic crimping applicator.

## Housing



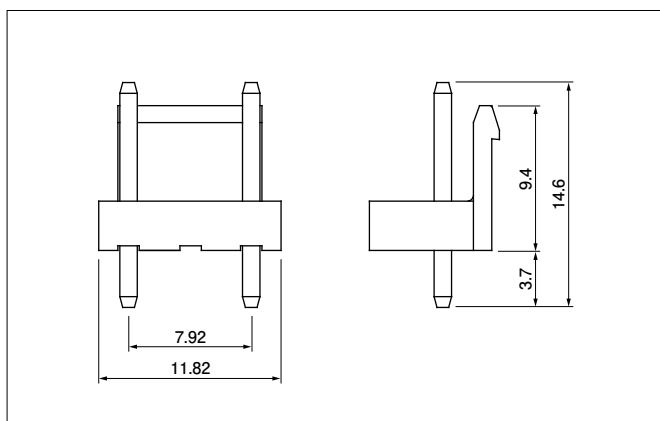
No. of circuits	Model No.	Q'ty/bag
2	VAJR-02VS	1,000

### Material

PA 66, UL94V-0, natural (white)

### RoHS compliance

## Header



No. of circuits	Model No.	Q'ty/box
2	B2P3-VH	1,000

### Material and Finish

Post: Brass, copper-undercoated, tin-plated (reflow treatment)  
Wafer: PA 66, UL94V-0, natural (white)

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

## Model number allocation

### Contact

**S VT - 41 T - P 1.1**

Form: S··Strip form B··Loose piece	
Series name	
Applicable wire range: AWG #20 to #16	
Surface finish: T··Tin-plated (reflow treatment)	
Material: P··Phosphor bronze	
Terminal size	

### Housing

**VAJ R - 02 VS**

Series name	
Part name: Receptacle	
No. of circuits: 2	
Flammability: V··UL94V-0	
Color: S··Natural (White)	

### Header

**B 2 P 3 - VH**

Shape of assembled product: B··Header	
No. of circuits: 2	
Indicates omitting center pin of 3-circuit product.	
Series name	