Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
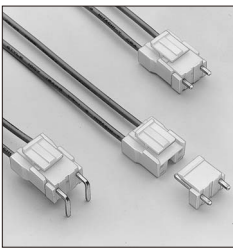
Contact us

VA CONNECTOR
7.92mm pitch/Disconnectable Crimp style connectors
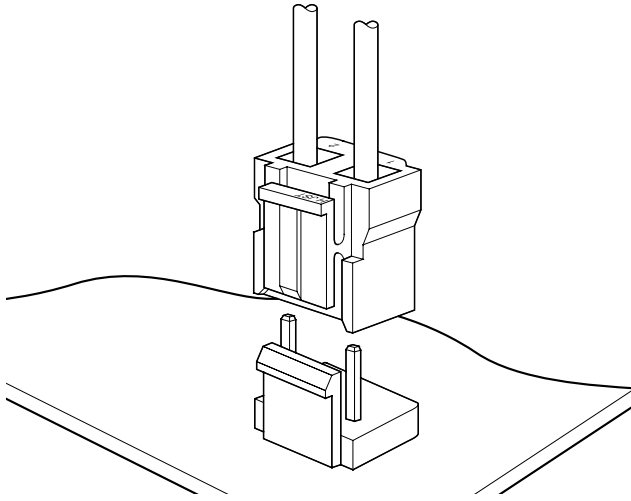
This 7.92mm pitch large current carrying capacity connector is used with primary power supply circuits and various other circuits requiring large currents. It features an anti-misinsertion construction and a reliable locking mechanism to ensure maximum safety.

- **Box contact**
- **Secure contact and mounting**
- **Compact connector with a large capacity**

Specifications

- Current rating: 7A AC, DC (AWG #18)
- Voltage rating: 250V AC, DC
- 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: 1,000M Ω min.
- Withstanding voltage: 1,200V AC/minute
- Applicable wire: AWG #20 to #18
- 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.
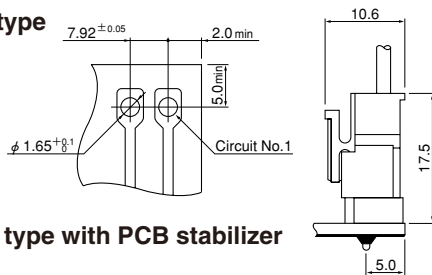- * Contact JST for details.
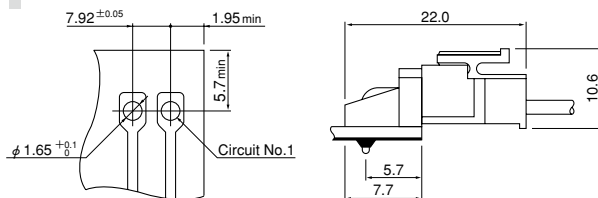
Standards

- Recognized E60389
- Certified LR20812
- R75122

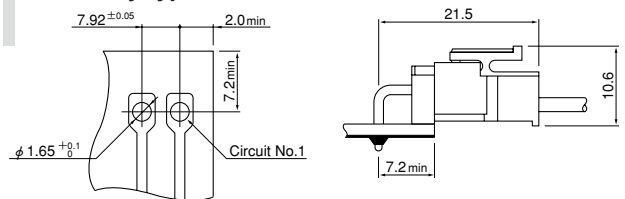## PC board layout (viewed from soldering side) and Assembly layout

Top entry type

7.92 ±0.05   2.0 min   10.6   5.0 min
φ 1.65 +0.1/0   Circuit No.1   17.5   5.0

Side entry type with PCB stabilizer

7.92 ±0.05   1.95 min   22.0
5.7 min   10.6
φ 1.65 +0.1/0   Circuit No.1   5.7   7.7

Side entry type

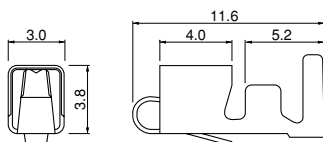7.92 ±0.05   2.0 min   21.5
7.2 min   10.6
φ 1.65 +0.1/0   Circuit No.1   7.2 min

Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.
2. Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

Contact

3.0   11.6   4.0   5.2   3.8

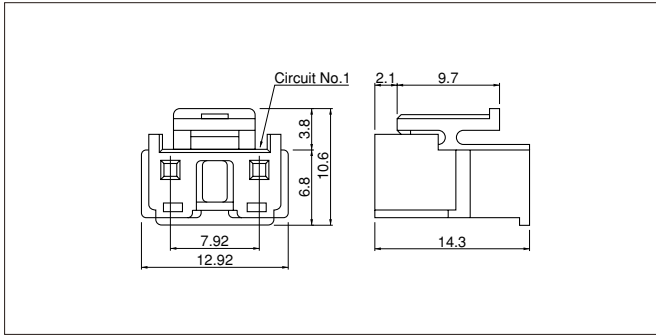| Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty / reel
	mm²	AWG #		
SVA-41T-P1.1	0.5~0.83	20~18	1.9~3.7	3,500

Material and Finish
Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SVA-41T-P1.1	AP-K2N	MKS-L	MK/SVA-41-11	APLMK SVA41-11
		—	—	—

VA CONNECTOR

Housing

Circuits	Model No.	Q'ty / bag
2	**VAR-2**	1,000

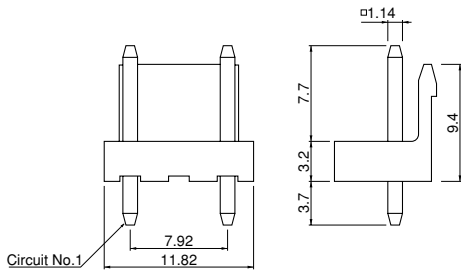| Material |
|---|
| PA 6, UL94V-0, natural (white) |

RoHS compliance

<For reference>   As the color identification,
the following alphabet shall be put in the underlined part.
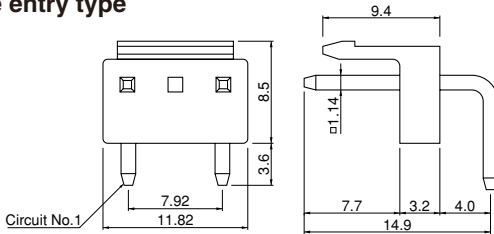*For availability, delivery and minimum order quantity, contact JST.*

ex. **VAR-2-oo**

  (blank)…natural (white)

  K…black R…red E…blue Y…yellow M…green N…brown
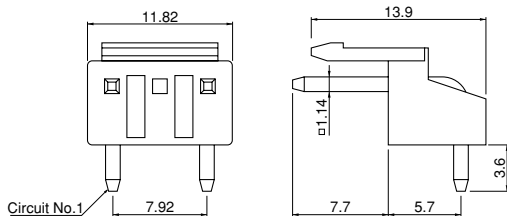
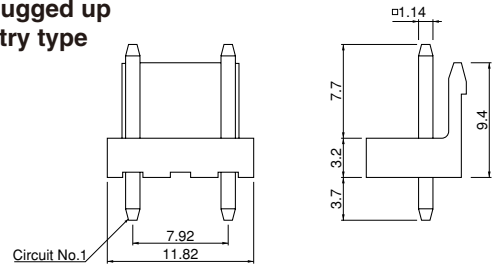## Locking header
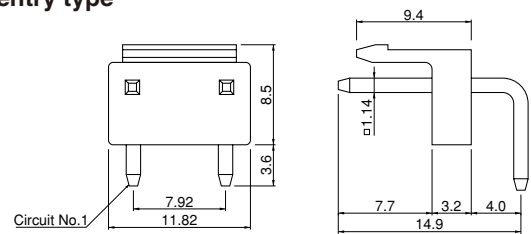
Top entry type

Side entry type

Side entry type with PCB stabilizer

With plugged up Top entry type

Side entry type

	Circuits	Model No.	Q'ty / box
Top entry type	2	**B2P3-VH**	1,000
Side entry type	2	**B2P3S-VH**	500
Side entry type with PCB stabilizer	2	**S2P3-VH**	500

With plugged up

	Circuits	Model No.	Q'ty / box
Top entry type	2	*****B2P-VA**	1,000
Side entry type	2	*****B2PS-VA**	500

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.*
*Note: *Marked products are not CSA/TÜV approved.*

<For reference>   As the color identification,
the following alphabet shall be put in the underlined part.
For availability, delivery and minimum order quantity, contact JST.

ex. **B2P3(S)-VH-oo**

  (blank)…natural (white)

  BK…black R…red BL…blue Y…yellow M…green N…brown
  O…orange PK…pink P…purple H…gray

ex. **S2P3-VH-oo**

  (blank)…natural (white)
  BK…black R…red Y…yellow M…green