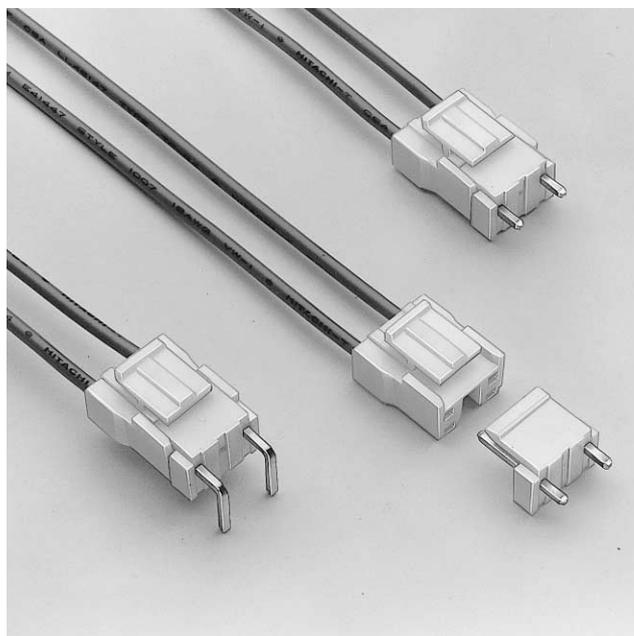
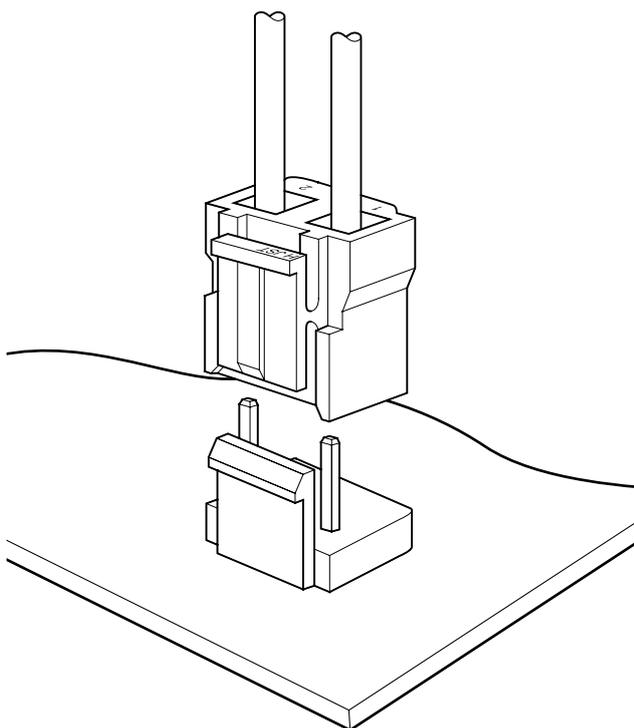


VA CONNECTOR

Disconnectable Crimp style connectors



This 7.92mm (.312") 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.



Features

• **Box contact**

This connector has the box-shaped contact. The reliable NV connector can be used in a wide variety of applications, from low-voltage, low-current signal circuits to power supply circuits having a relatively large capacity.

• **Secure contact and mounting**

The housing has an arm lock mechanism which prevents the connector from working loose due to vibration. The mechanism also prevents misinsertion (misalignment or reverse insertion).

• **Compact connector with a large capacity**

Even though this connector has a large current carrying capacity (7A), it is compact, with a mounting height of 17.5mm (.689").

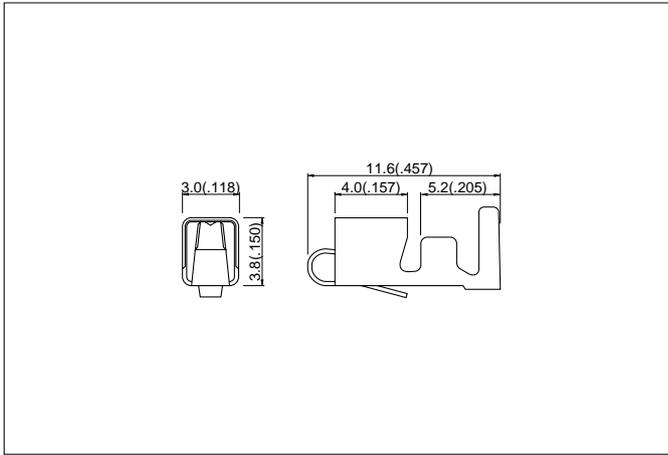
Specifications

- 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(.063")
- * Contact JST if Lead-Free product is required.
- * 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

Contact

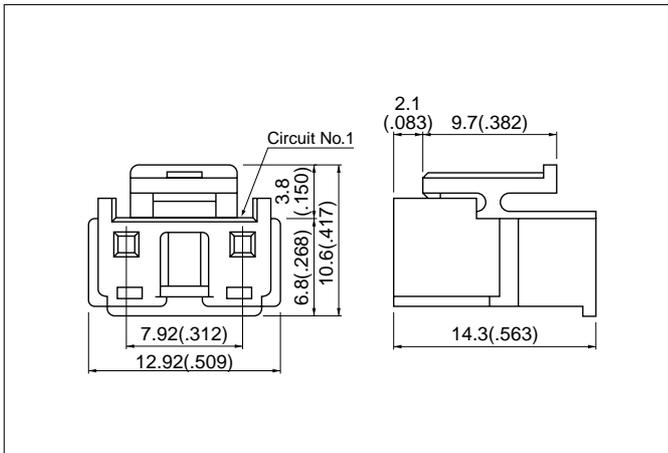


Model No.	Applicable wire			Q'ty / reel
	mm ²	AWG #	Insulation O.D. mm(in.)	
SVA-41T-P1.1	0.5 to 0.83	20 to 18	1.9 to 3.7(.075 to .146)	3,500

Material and Finish

Phosphor bronze, tin-plated

Housing



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

Material

Nylon 6, UL94V-0, natural (white)

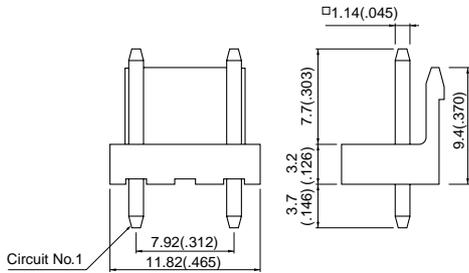
<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. **VAR-2-oo**
 (blank)...natural (white)
 K...black R...red E...blue Y...yellow M...green N...brown

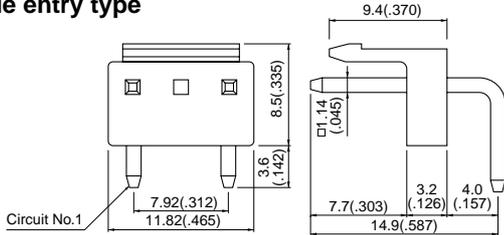
VA CONNECTOR

Locking header

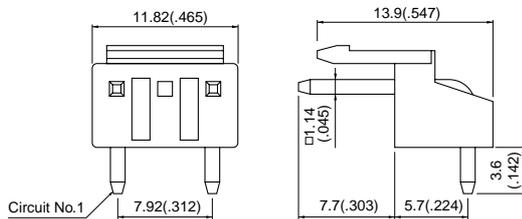
Top entry type



Side entry type

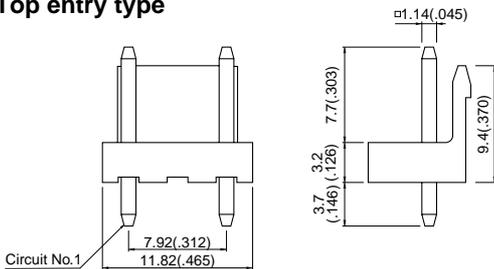


Side entry type with PCB stabilizer

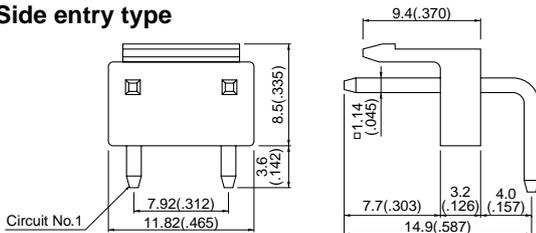


With plugged up

Top entry type



Side entry type



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

Material and Finish

Post: Brass, copper-undercoated, tin/lead-plated
Wafer: Nylon 66, UL94V-0, natural (white)

<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

With plugged up

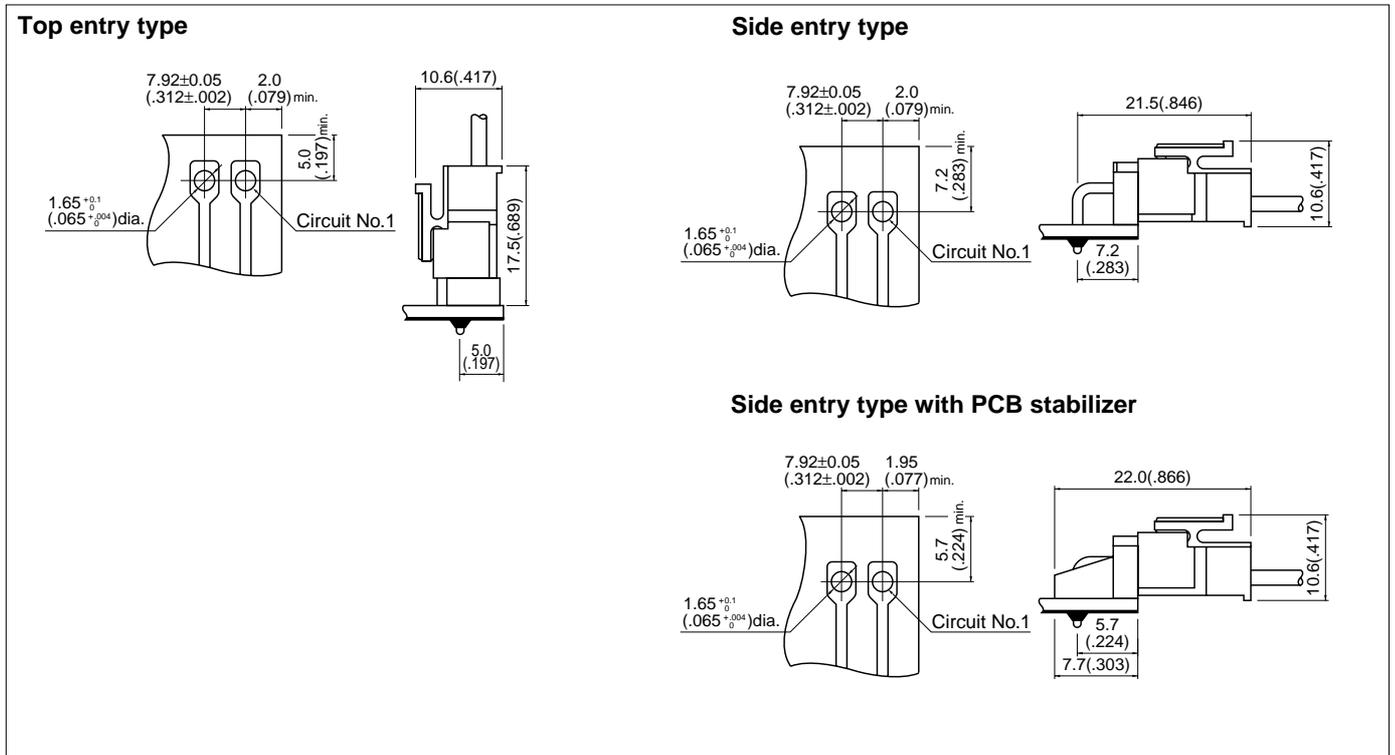
Circuits	Model No.	Q'ty / box	
2	Top entry type	B2P-VA	1,000
2	Side entry type	B2PS-VA	500

Material and Finish

Post: Brass, copper-undercoated, tin/lead-plated
Wafer: Nylon 66, UL94V-0, natural (white)

Note: Not CSA/TUV approved.

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



Note:

1. Tolerances are non-cumulative: ±0.05mm(±.002") 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.

Applicator for the semi-automatic press AP-K2N

Contact	Crimp applicator MKS-L		Compact crimp applicator MKS-LS		Strip-crimp applicator MKS-SC
	with safety cover	without safety cover	with safety cover	without safety cover	with safety cover
SVA-41T-P1.1	APLMK SVA41-11	APLNC SVA41-11	-	-	-