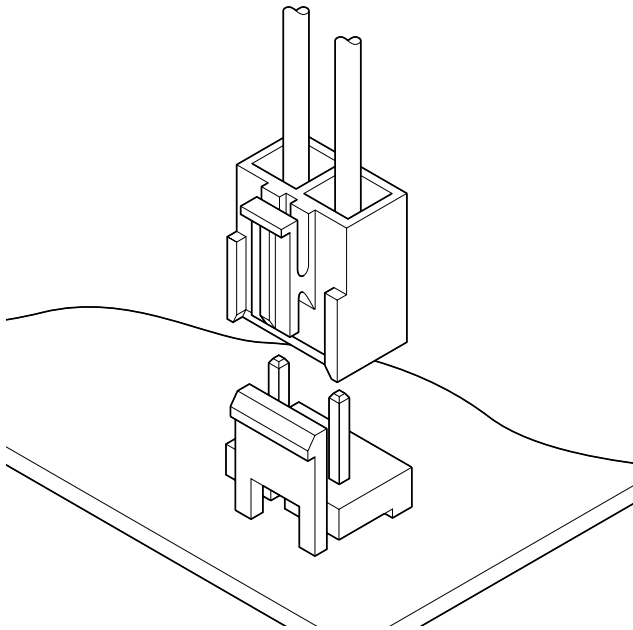




NV CONNECTOR

5.0mm pitch/Disconnectable Crimp style connectors



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

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 #22 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.

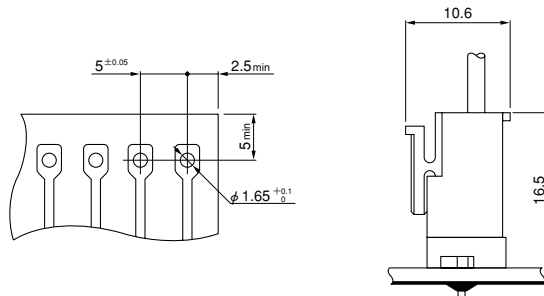
Standards

Recognized E60389

Certified LR20812

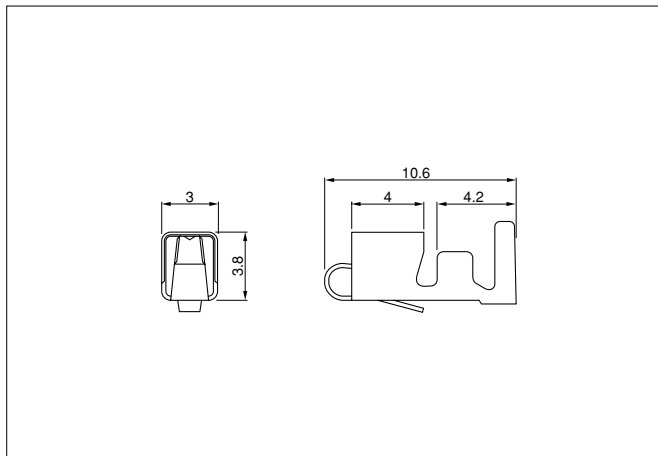
R9251676

PC board layout and Assembly layout



- Note: 1. The above figure is the figure viewed from the connector soldering side.
2. Tolerances are non-cumulative: ±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.

Contact



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm ²	AWG#		
SVH-21T-P1.1	0.33~0.83	22~18	1.7~3.0	4,500
SVH-41T-P1.1	0.5 ~1.25	20~16	1.7~3.0	3,500

Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

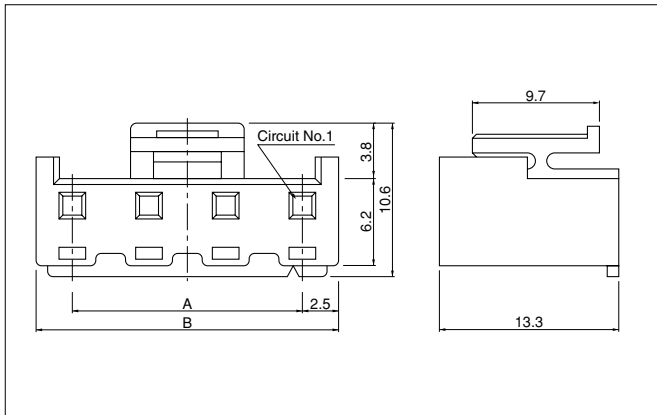
RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SVH-21T-P1.1	AP-K2N	MKS-L	MK/SVH-21-11	APLMK SVH21-11
		*MKS-SC	SC/SVH-21-11	APLSC SVH21-11
SVH-41T-P1.1	AP-K2N	MKS-L	MK/SVH-41-11	APLMK SVH41-11
		—	—	—

Note: *Strip-crimp applicator

NV CONNECTOR

Housing



Circuits	Model No.	Dimensions (mm)		Q'ty/ bag
		A	B	
2	NVR-02	5.0	10.0	1,000
3	NVR-03	10.0	15.0	500
4	NVR-04	15.0	20.0	1,000

Material

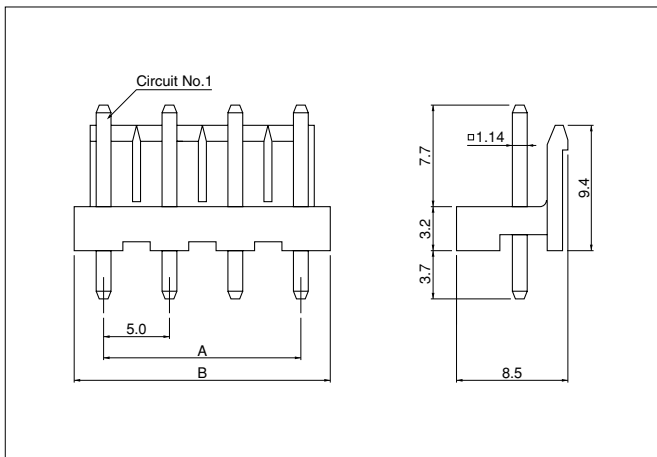
PA 6, UL94V-0, natural (white)

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. **NVR-02-oo**
(blank)...natural (white)
E...blue

Header



Circuits	Model No.	Dimensions (mm)		Q'ty/ box
		A	B	
2	B02P-NV	5.0	10.0	1,000
3	B03P-NV	10.0	15.0	700
4	B04P-NV	15.0	20.0	500

Material and Finish

Post: Brass, copper-undercoated, tin-plated (reflow treatment)
Wafer: B02P-NV...PA 66, UL94V-0, natural (white)
B03P-NV & B04P-NV...Glass-filled PBT, UL94V-0, natural (white)

RoHS compliance

This product displays (LF)(SN) on a label. <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. **B02P-NV-oo**
(blank)...natural (white)
BL...blue

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