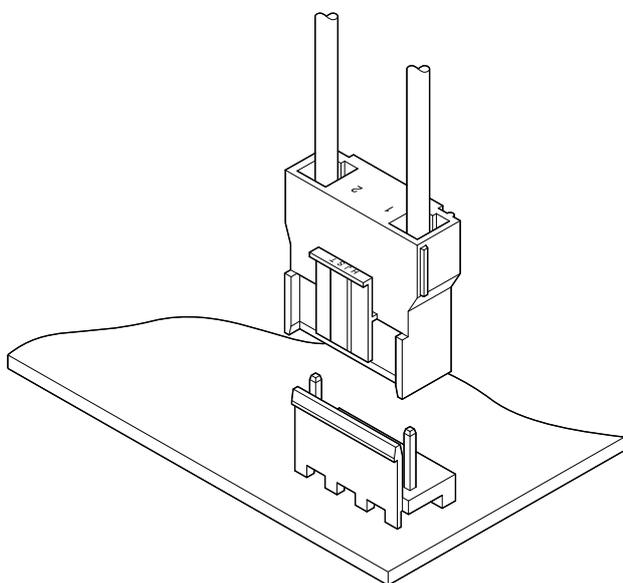




VT CONNECTOR

11.88 mm pitch/Disconnectable Crimp style connectors



The VT connector is a 11.88 mm pitch disconnectable crimp style connector with current rating of 12 A. It has features such as the PC board locking device, misinsertion preventive construction and arm-lock mechanism. Its header is applicable to reinforced PC boards with eyelets.

- Connectable to vinyl insulated flat cables
- Use of PC board locking device
- Correct and secure mating
- Applicable to reinforced PC boards with eyelets

Specifications

- Current rating: 12 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

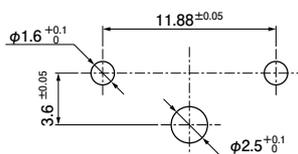
* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).

- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

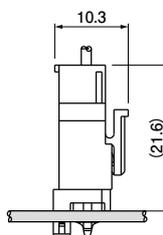
Standards

- Ⓜ Recognized E60389
- Ⓢ Certified LR20812
- ⚠ R50068570

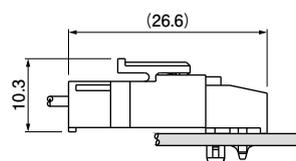
PC board layout and Assembly layout



Top entry type



Side entry type



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

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

VTR - 02-■

Series name

Part name: Receptacle

No. of circuits: 2

Color: None: Natural (White), Z··Ivory

Header

B 02 B - VT-■

Shape of assembled product: B··Top entry type
S··Side entry type

No. of circuits: 2

Part name: Header

Series name

Color: None: Natural (Ivory)