ZR CONNECTOR
1.5 mm pitch/Disconnectable Insulation displacement connectors

The twin U-slots (IDC slots), the 3-point insulation grip, and the distortion resistant disconnectable construction ensure a reliable connection even during severe environmental conditions.

- Compact
- Twin U-slot insulation displacement section
- 3-point grip construction
- Distortion resistant construction
- Compatible with the ZH crimp style connector

Specifications
• Current rating: 0.7 A AC, DC (AWG #28)
• Voltage rating: 50 V AC, DC
• Temperature range: -25°C to +85°C (including temperature rise in applying electrical current)
• Contact resistance: Initial value/ 20 mΩ max.
  After environmental testing/ 30 mΩ max.
• Insulation resistance: 500 MΩ min.
• Withstanding voltage: 500 VAC/minute
• Applicable wire: UL1571 (Contact JST for details regarding other UL styles.)
  AWG #30, #28
  Conductor/ 7 strands, tin-coated
  Insulation O.D./ 0.7 to 0.8 mm
  (Contact JST for diameters greater than 0.8 mm.)
• Applicable PC board thickness: 0.6 to 1.2 mm, 1.6 mm
* 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

Note: 1. Tolerances are non-cumulative: ± 0.05 mm for all centers.
2. 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.
3. As for the PC board layout for the SMT type shrouded headers, refer to that of the ZH connector.
**Socket**

![Socket Diagram]

**Header**

The headers are interchangeable with those of the ZH crimp style connectors.

**Model number allocation**

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<th>No. of circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
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**Material and Finish**

- Contact: Phosphor bronze, tin-plated (reflow treatment)
- Housing: Glass-filled PA 66, UL94V-0

**RoHS compliance**

Note: Unlisted in the TÜV standard.

Note: Depending on the colors, it may take some time for delivery.