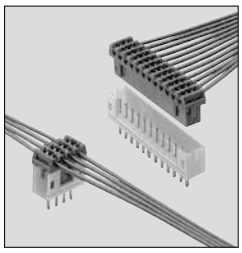
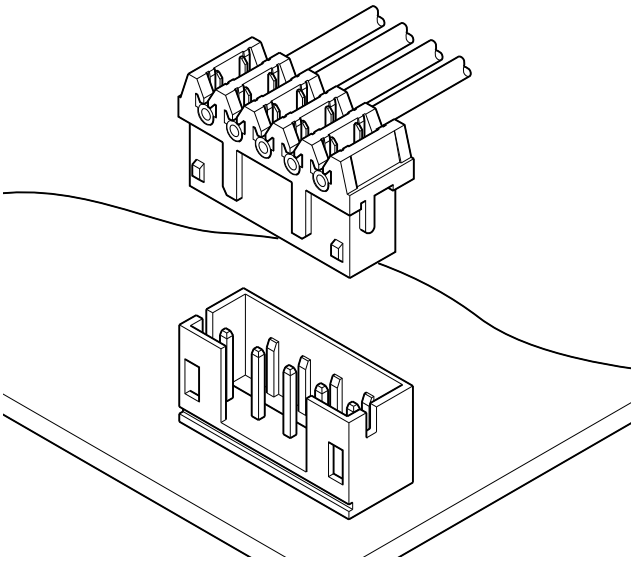


KRD CONNECTOR

Emboss Tape

2.0mm pitch/Disconnectable Insulation displacement connectors



This 2.0 mm pitch insulation displacement connector is another version of the NRD connector for printed circuit boards. The KRD connector allows daisy chaining and is very useful in simplifying connection systems in electronic equipment.

- **Daisy chain connection**
- **Twin slot insulation displacement section**
- **Distortion resistant construction**
- **Interchangeability**
- **Low profile design - a mere 9.0 mm high from the PC board surface**

Specifications

- Current rating: 1.0 A AC, DC (AWG #26)
- Voltage rating: 100 V AC, DC
- Temperature range: -25℃ to +85℃
  (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: 800 VAC/minute
- Applicable wire: UL1571, UL1061 (Contact JST for details regarding other UL styles.)
  AWG #28, #26
  Conductor/ 7 strands, tin-coated
  Insulation O.D./ 0.9 to 1.0 mm
- Applicable PC board thickness: 0.8 to 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.

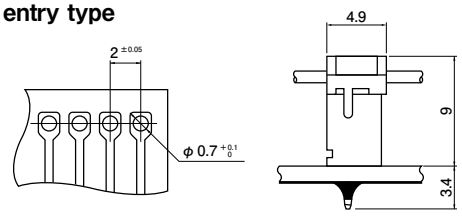
Standards

Recognized E60389
Certified LR20812

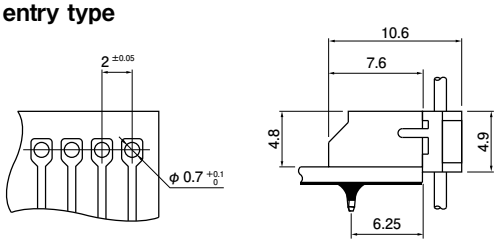
PC board layout and Assembly layout

<Through-hole type>

Top entry type



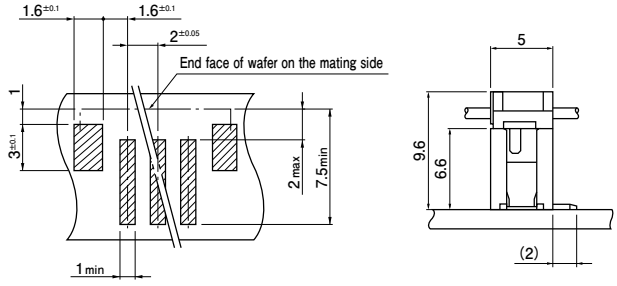
Side entry type



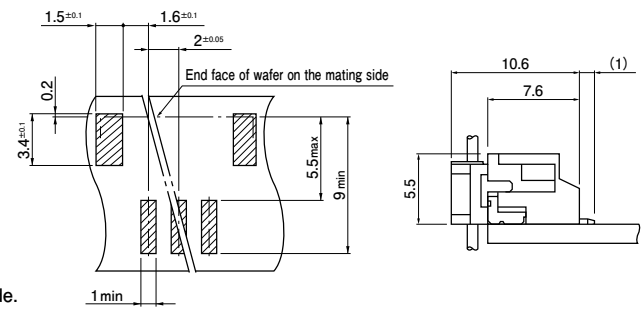
Note: 1. The above figure is the figure viewed from soldering side.
2. Tolerances are non-cumulative: ± 0.05 mm for all centers.
3. Hole dimensions differ according to the type of PC boards and piercing method. If PC boards made of hard material are used, the hole dimensions should be larger. The dimensions above should serve as a guideline. Contact JST for details.

<SMT type/SM4 type>

Top entry type

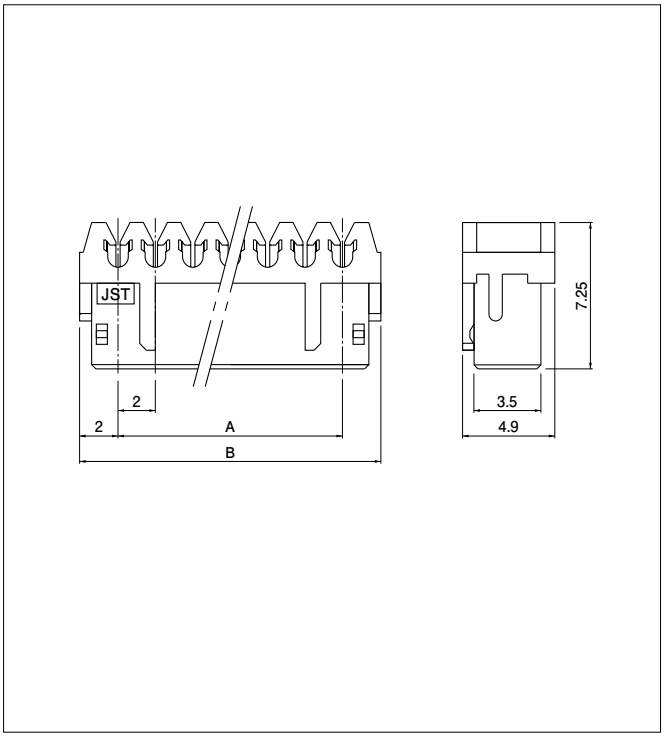


Side entry type



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. The dimensions above should serve as a guideline. Contact JST for details.

Socket



No. of circuits	Model No.		Dimensions (mm)		Q'ty/ box
	AWG #28(green)	AWG #26(natural/white)	A	B	
2	02KR-D8M-P	02KR-D6S-P	2.0	6.0	2,000
3	03KR-D8M-P	03KR-D6S-P	4.0	8.0	2,000
4	04KR-D8M-P	04KR-D6S-P	6.0	10.0	2,000
5	05KR-D8M-P	05KR-D6S-P	8.0	12.0	1,000
6	06KR-D8M-P	06KR-D6S-P	10.0	14.0	1,000
7	07KR-D8M-P	07KR-D6S-P	12.0	16.0	1,000
8	08KR-D8M-P	08KR-D6S-P	14.0	18.0	1,000
9	09KR-D8M-P	09KR-D6S-P	16.0	20.0	500
10	10KR-D8M-P	10KR-D6S-P	18.0	22.0	500
11	11KR-D8M-P	11KR-D6S-P	20.0	24.0	500
12	12KR-D8M-P	12KR-D6S-P	22.0	26.0	500
13	13KR-D8M-P	13KR-D6S-P	24.0	28.0	500
14	14KR-D8M-P	14KR-D6S-P	26.0	30.0	500
15	15KR-D8M-P	15KR-D6S-P	28.0	32.0	500
16	16KR-D8M-P	16KR-D6S-P	30.0	34.0	500

Material and Finish
Contact: Phosphor bronze, tin-plated (reflow treatment) Housing: PA 66, UL94V-0

RoHS compliance

Header

The headers are interchangeable with the PH crimp style connectors and with CR and KR insulation displacement connectors.

Model number allocation

Socket

02 KR - D 6 S - P

- No. of circuits: 2 to 16
- Series name
- Wire connection form: Daisy chain type
- Applicable wire range: 6···AWG #26, 8···AWG #28
- Color: AWG #26: S···Natural (White), AWG #28: M···Green
- Surface finish: P···Tin-plated (reflow treatment)