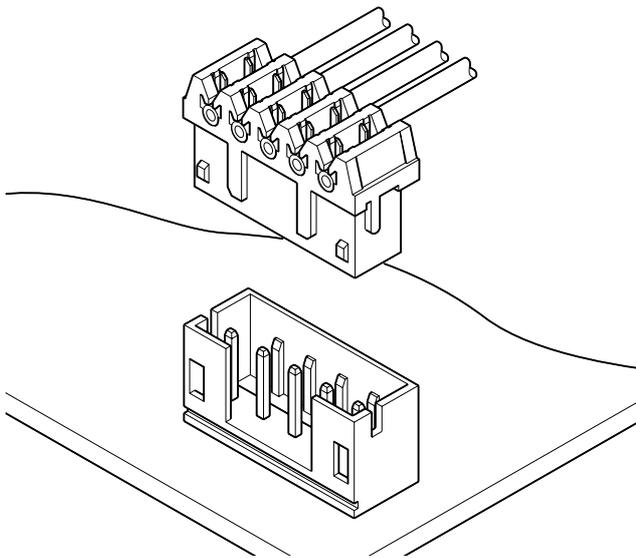


# KRD CONNECTOR

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°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: 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

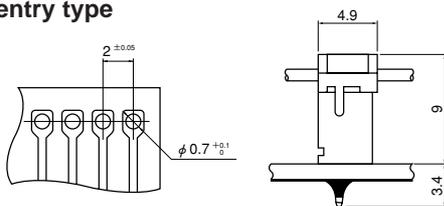
Recognized E60389

Certified LR20812

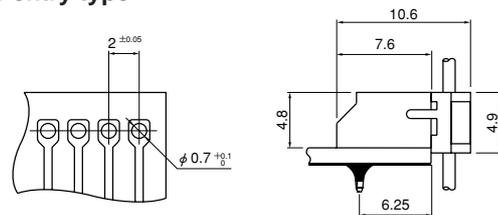
## PC board layout and Assembly layout

### <Through-hole type>

#### Top entry type



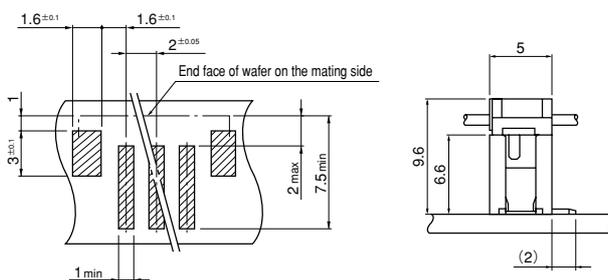
#### Side entry type



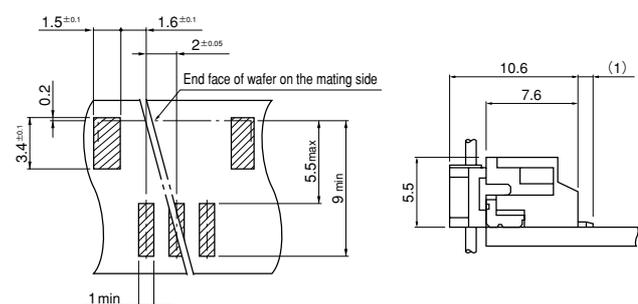
- Note: 1. The above figure is the figure viewed from soldering side.  
2. Tolerances are non-cumulative:  $\pm 0.05$  mm for all centers.  
3. Hole dimensions differ according to the type of PC boards and piercing method. If PC boards made of hard material are used, the hole dimensions should be larger.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

### <SMT type/SM4 type>

#### Top entry type



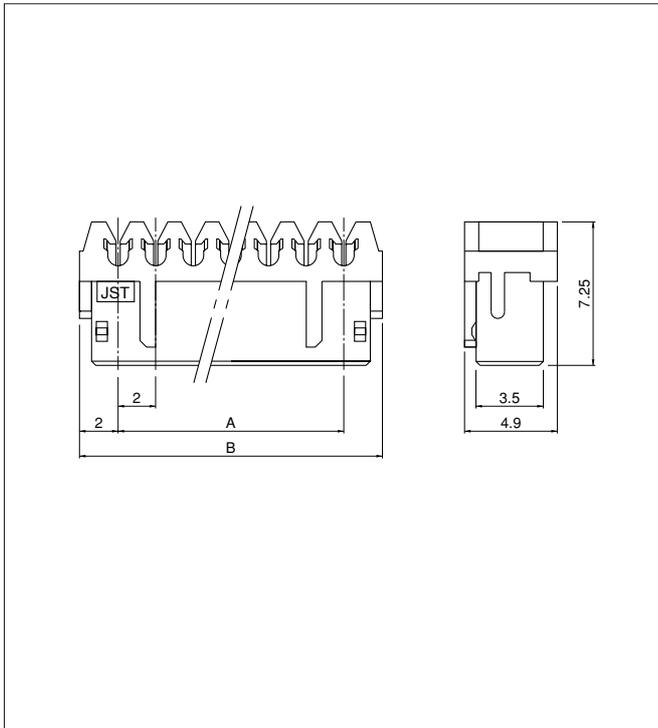
#### Side entry type



- Note: 1. The above figure is the figure viewed from the connector mounting side.  
2. Tolerances are non-cumulative:  $\pm 0.05$  mm for all centers.  
3. The dimensions above should serve as a guideline. Contact JST for details.

# KRD CONNECTOR

## Socket



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

### Material and Finish

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

### 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. **02KR-D6S-P**  
AWG #26: S...natural (white)  
AWG #28: M...green

## Shrouded header

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