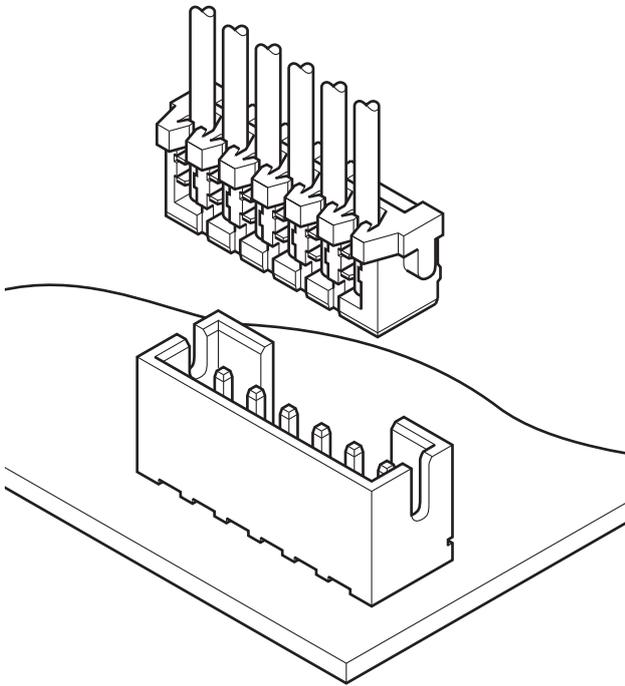


CR CONNECTOR

2.0 mm pitch/Wire-to-Board connectors/ IDC style (Insulation displacement connector) and Mating style



2.0 mm pitch IDC type CR connector enables to terminate with UL 1007 wire used for internal wiring of equipment specified in the Japan Electrical Appliance and Material Safety Law.

This connector has a low-profile design with a mounting height of 6.9 mm and a thickness of 4.8 mm (in case of top entry type).

- Designed for connection of UL1007 wires
- Folded beam double-leaf contact construction
- Twin U-slot insulation displacement section
- Strain relief

■ Specifications

- Current rating: 1 A AC/DC
- 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:
 - There shall be no breakdown or flashover while applying 800 VAC for one minute.
- Applicable wire: UL1007
 - Conductor size/ AWG #26
 - Conductor composition/ 7 strands, tin-coated
 - Insulation O.D./ ϕ 1.2 mm to ϕ 1.3 mm
(Please contact JST for details regarding the use of other UL style wires.)
- Applicable PC board thickness: 0.8 mm to 1.6 mm
- * Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.
- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

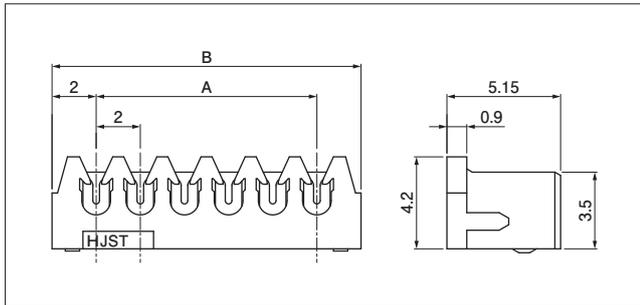
■ Standards

For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

* Specifications registered to overseas standards may differ from the general specifications listed above.

CR CONNECTOR

Socket



No. of circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
2	02CR-6H-P	2.0	6.0	2,000
3	03CR-6H-P	4.0	8.0	2,000
4	04CR-6H-P	6.0	10.0	2,000
5	05CR-6H-P	8.0	12.0	2,000
6	06CR-6H-P	10.0	14.0	2,000
7	07CR-6H-P	12.0	16.0	2,000
8	08CR-6H-P	14.0	18.0	1,000
9	09CR-6H-P	16.0	20.0	1,000
10	10CR-6H-P	18.0	22.0	1,000
11	11CR-6H-P	20.0	24.0	1,000
12	12CR-6H-P	22.0	26.0	1,000

Material and Surface finish, etc.

Contact: Phosphor bronze, tin-plated
Housing: PA 66 (Glass-filled), gray

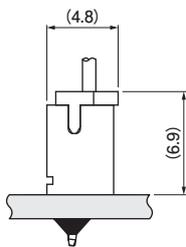
Note: For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

Header

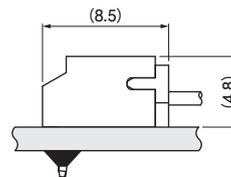
Please refer to PH connector Header (B**B-PH-K-S, S**B-PH-K-S) in our catalog.

Assembly layout

Top entry type



Side entry type



Model number allocation

Socket

02 CR - 6 H - P	
No. of circuits	02
Series name	CR
Applicable wire: AWG #26	6
Color: H...Gray, R...Red, FY...Fluorescent yellow	H
Surface finish: Tin-plated	P