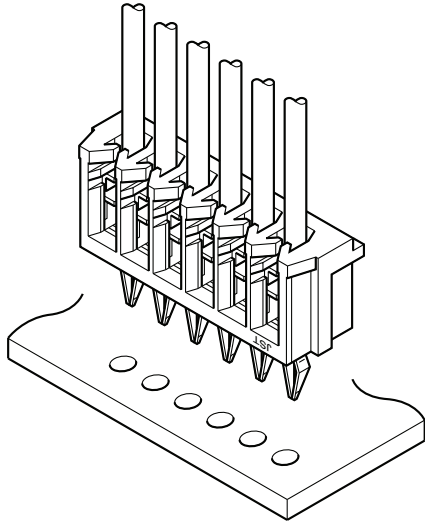


DA CONNECTOR

2.0 mm pitch/Wire-to-Board connectors/Board-in IDC style



This is a board-in, top-feed, wire-to-board connector in 2.0 mm pitch for direct PCB mounting, allowing wires to exit perpendicular to the board.

- Top feed wire installation
- Compact design with a height of 5 mm and a thickness of 4 mm
- Twin U-slot type insulation displacement contact structure
Highly reliable wire termination with insulation displacement connection
- Strain relief
Designed to alleviate mechanical stress transmitted to the insulation displacement section of the wire.

■ 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)
 - Insulation resistance: 1,000 MΩ min.
 - Withstanding voltage:
There shall be no breakdown or flashover while applying 800 VAC for one minute.
 - Applicable wire:
UL style/ UL1571, UL1061
Note 1: Please contact JST for details regarding the use of other UL style wires.
Conductor size/ AWG #28, AWG #26
Conductor construction/ 7-strand, tin-coated wire
Insulation O.D./ ϕ 0.9 mm to ϕ 1.0 mm
 - Applicable PC board thickness: 1.2 mm, 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.

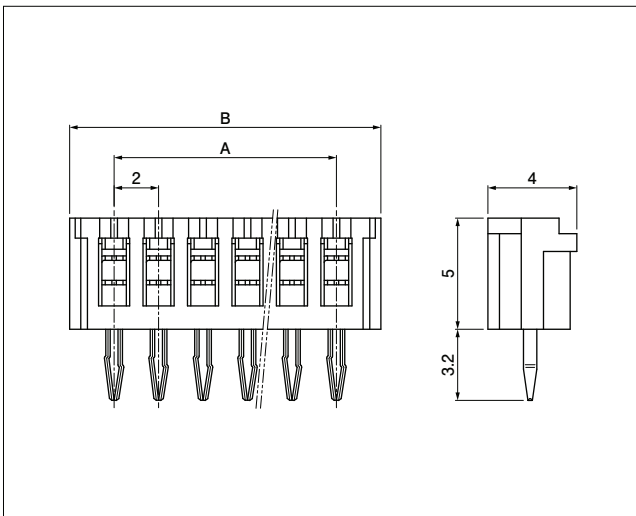
■ Standards

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.

DA CONNECTOR

Connector



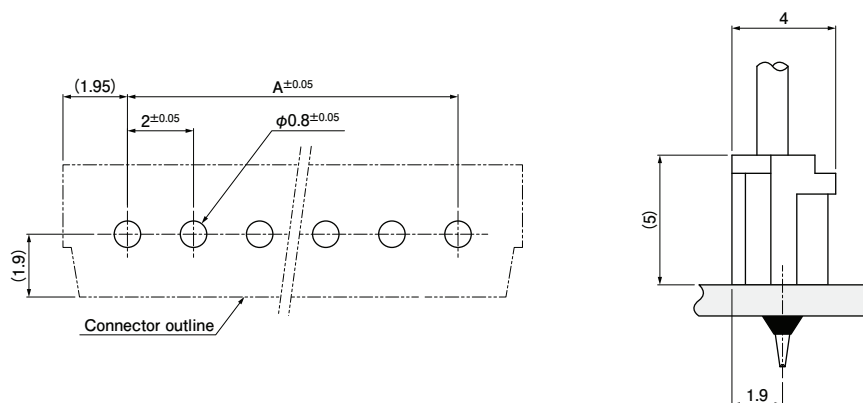
No. of circuits	Model No.		Dimensions (mm)		Q'ty/box
	AWG #28	AWG #26	A	B	
2	02DA-8M	02DA-6S	2.0	5.9	2,000
3	03DA-8M	03DA-6S	4.0	7.9	2,000
4	04DA-8M	04DA-6S	6.0	9.9	1,000
5	05DA-8M	05DA-6S	8.0	11.9	1,000
6	06DA-8M	06DA-6S	10.0	13.9	1,000
7	07DA-8M	07DA-6S	12.0	15.9	1,000
8	08DA-8M	08DA-6S	14.0	17.9	1,000
9	09DA-8M	09DA-6S	16.0	19.9	500
10	10DA-8M	10DA-6S	18.0	21.9	500

Material and Surface finish, etc.

Contact: Copper alloy, tin-plated
Housing: PA, Green/ AWG #28
Natural (white)/ AWG #26

- Note: 1. This product displays (LF) (SN) on a label.
2. 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).

PC board layout and Assembly layout



- Note: 1. The PC board layout figure shown is viewed from the connector mounting surface.
2. Dimensions A: See "Connector" section on page 2.
3. Tolerance for the PCB hole pitch shall be ± 0.05 , and shall not accumulate more than ± 0.05 .
4. Hole dimensions differ depending on the type of PCB and PCB drilling method.
The above dimensions are for reference only. Please contact JST for further details.
5. Avoid applying tension to the wires during soldering or immediately after soldering while the connectors and wires are still under high temperature.
6. Avoid reusing the connector once it has been removed from the PCB after soldering.

DA CONNECTOR

Model number allocation

Connector

	02 DA - 8 M
No. of circuits	_____
Series name	_____
Applicable wire: 8···AWG #28	_____
6···AWG #26	_____
Color: S···Natural (White)	_____
M···Green	_____