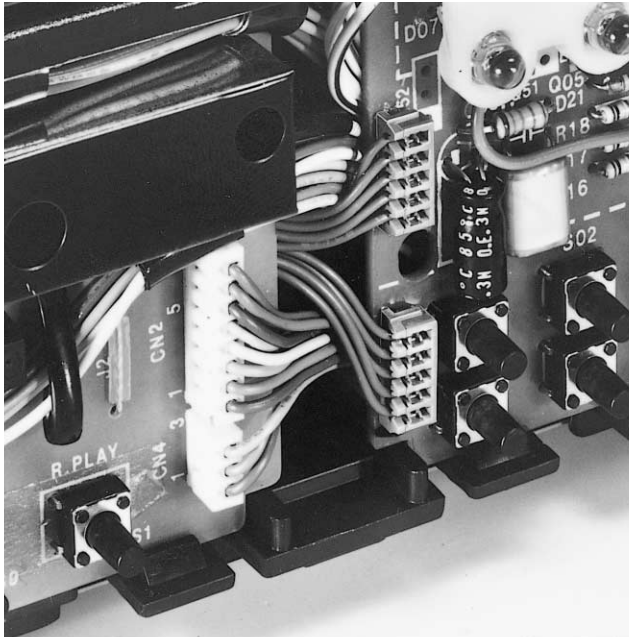


JST
IDC

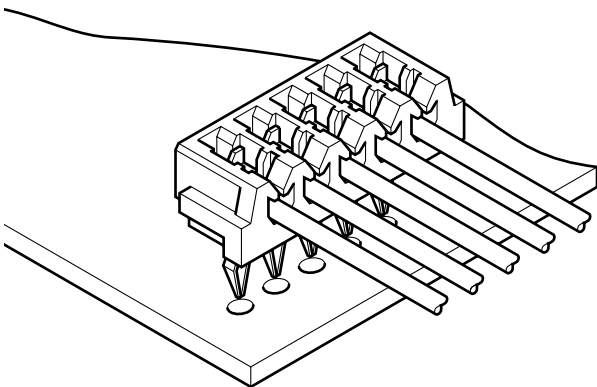
2.0mm
(.079") pitch

DD/DS CONNECTOR

Board-in Insulation displacement connectors



The DD and DS right angle board-in insulation displacement connectors measure just 3.5mm (.138") in mounting height and 4.3mm (.169") in width. Since these right angle connectors are connected to wires running parallel to the printed circuit board, electronic equipment can have a lower profile. These connectors are suited for the high density wiring of electronic products.



Features

• Compact and low profile

These connectors are very small, with a mounting height of 3.5mm (.138") and a thickness of just 4.3mm (.169").

• Twin U-slot insulation displacement section

The insulation displacement section to which the wire is connected is composed of two highly reliable tin-plated slots (twin U-slots).

• Compliant locking solder tails

The contact solder tails are elastic and have two locking positions, both of which ensure stable connection once inserted into a printed circuit board. The two locking positions of the DD connector are asymmetrical and best suited for use with 0.8mm (.031") and 1.0mm (.039") thick printed circuit boards. The two locking positions of the DS connector are also asymmetrical for use with 1.2mm (.047") and 1.6mm (.063") thick PC boards.

• Strain relief

Thanks to the strain relief construction, the wire insulation is held by the housing when the wire is terminated. Furthermore, sufficient clearance is provided between the insulation displacement section and the strain relief section to ensure decoupling from vibration and tension.

Specifications

- Current rating: 0.7A AC, DC
 - Voltage rating: 100V AC, DC
 - Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
 - Insulation resistance: 1,000M Ω min.
 - Withstanding voltage: 800V AC/minute
 - Applicable wire: UL1571, 1061(Contact JST for diameters regarding other UL wires.)
AWG #28
Conductor/7 strands, tin-coated
Insulation O.D./0.9mm(.035")
 - Applicable PC board thickness:
DD connector: 0.8, 1.0mm(.031", .039")
DS connector: 1.2, 1.6mm(.047", .063")
- * Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Standards

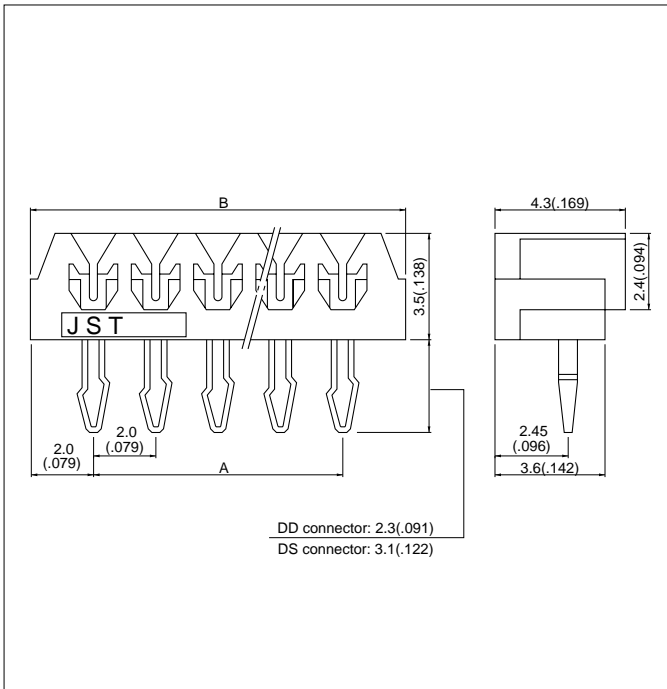
Recognized E60389

Certified LR20812

JST 355

DD/DS CONNECTOR

Connector

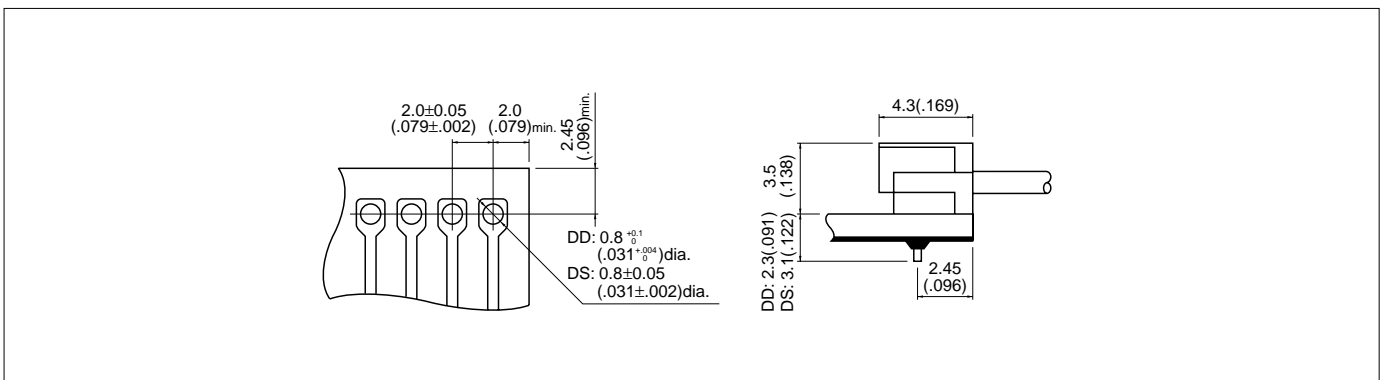


Circuits	Model No.		Dimensions mm(in.)		Q'ty / box
	DD connector	DS connector	A	B	
	AWG #28 (green)	AWG #28 (blue)			
2	02DD-8M	02DS-8E	2.0 (.079)	6.0 (.236)	2,000
3	03DD-8M	03DS-8E	4.0 (.157)	8.0 (.315)	2,000
4	04DD-8M	04DS-8E	6.0 (.236)	10.0 (.394)	1,000
5	05DD-8M	05DS-8E	8.0 (.315)	12.0 (.472)	1,000
6	06DD-8M	06DS-8E	10.0 (.394)	14.0 (.551)	1,000
7	07DD-8M	07DS-8E	12.0 (.472)	16.0 (.630)	1,000
8	08DD-8M	08DS-8E	14.0 (.551)	18.0 (.709)	500
9	09DD-8M	09DS-8E	16.0 (.630)	20.0 (.787)	500
10	10DD-8M	10DS-8E	18.0 (.709)	22.0 (.866)	500
11	11DD-8M	11DS-8E	20.0 (.787)	24.0 (.945)	500
12	12DD-8M	12DS-8E	22.0 (.866)	26.0 (1.024)	500
13	13DD-8M	13DS-8E	24.0 (.945)	28.0 (1.102)	500
14	14DD-8M	14DS-8E	26.0 (1.024)	30.0 (1.181)	500
15	15DD-8M	15DS-8E	28.0 (1.102)	32.0 (1.260)	500

Material and Finish

Contact: Phosphor bronze, copper-undercoated, tin/lead-plated
Housing: 2 to 11 circuits/Nylon 66, UL94V-0
12 to 15 circuits/Glass-filled nylon 66, UL94V-0

PC board layout (viewed from soldering side) and Assembly layout



- Note:
1. Tolerances are non-cumulative: $\pm 0.05\text{mm} (\pm .002")$ for all centers.
 2. Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

- * Pulling or otherwise putting a strain on the harness attached to the connector before the solder has completely cooled can dislodge the connector or cause its misalignment.
- * Do not reuse any connectors that were previously soldered to and then removed from a PC board.

单击下面可查看定价，库存，交付和生命周期等信息

[>>JST\(杰世腾\)](#)