

■ PCB Connectors

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SDDC 1.5

New double-row PCB connectors with SKEDD direct plug-in technology

The new SDDC 1.5 connector system features the latest SKEDD plug-in technology in a double-row configuration for high-density PCB connections. SKEDD technology will set a new standard for PCB connection, as it eliminates the need for a header on the PCB, and provides a direct contact between the connector and the PCB with a gas-tight connection.

These new connectors combine three characteristics in one product:

- Direct plug-in technology to the PCB
- Wire connections with push-in spring termination
- Tool-free installation

The contact zone is made up of two flexible halves that bend easily, enabling the contacts to easily adjust to plated through-holes on a printed circuit board. Upon insertion, the contact has sufficient force to establish a gas-tight connection with no special requirements for the PCB. No tools are needed to connect to the PCB. To ensure a stable mechanical connection to the board, the side of each connector has locking pins that expand with a simple push of the orange locking tabs

Features and benefits

- Push-in connection technology saves time during wire termination; no screws need to be tightened
- Direct plug-in onto the PCB eliminates the need for a plug-and-header combination
- Design is cost-effective since only one component is now necessary, eliminating the soldering process
- Free positioning on the PCB allows part to be positioned anywhere on the PCB
- Secure locking latches for reliable connection
- Up to 25 mating and unmating cycles provide for easy replacement or retrofitting

Technical data

- 4 to 32 positions
- Wire range 24 to 16 AWG
- 8 A rating at 300 V UL
- 3.5 mm centerline
- 25 mating cycles
- UL recognized product

Potential applications

- Building automation
- HVAC systems
- Elevators/escalators
- White goods



DEVICE CONNECTORS

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Part number	Description	Positions
1848642	SDDC 1,5/ 2-PV-3,5	4
1848655	SDDC 1,5/ 3-PV-3,5	6
1848668	SDDC 1,5/ 4-PV-3,5	8
1848671	SDDC 1,5/ 5-PV-3,5	10
1848684	SDDC 1,5/ 6-PV-3,5	12
1848697	SDDC 1,5/ 7-PV-3,5	14
1848707	SDDC 1,5/ 8-PV-3,5	16
1848710	SDDC 1,5/ 9-PV-3,5	18
1848723	SDDC 1,5/10-PV-3,5	20
1848736	SDDC 1,5/11-PV-3,5	22
1848749	SDDC 1,5/12-PV-3,5	24
1848752	SDDC 1,5/13-PV-3,5	26
1848765	SDDC 1,5/14-PV-3,5	28
1848778	SDDC 1,5/15-PV-3,5	30
1848781	SDDC 1,5/16-PV-3,5	32

