



DEVICE CONNECTORS

PCB Connectors

July 2021

Double-row PCB connectors shielded for reliable data transmission

The new DMCC 0,5 series from Phoenix Contact extends the existing portfolio of shielded PCB connectors with a pitch of 2.54 mm. The featured EMC shielding enables the reliable supply of data and power to devices, even via a single Ethernet cable. The devices are being supplied with data and power simultaneously, saving space on the circuit board. Featuring Gold-plated contacts for transmission quality with long-term stability, the DMCC 0,5 series provides a secure connection and high level of data integrity.

Features and benefits

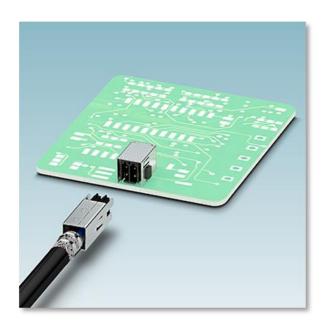
- Suitable for power over ethernet (PoE)
- Gold-plated contacts provide transmission quality with long-term stability
- Packaging is available for automated pick-and-place assembly
- Small component size for applications where space is at a premium
- Optional tool for manual and automated crimping
- · Headers come in both vertical and horizontal configurations

Technical data

- Currents up to 6 A
- Voltages up to 150 V
- Conductor cross-sections: 26 to 18 AWG
- Pitch: 2.54 mm
- Comes in 2- to 4- positions with 4 or 8 contacts
- Cat5-compatible
- Suitable for Power over Ethernet

Potential Applications

- Light barriers
- Proximity switches
- Rotary encoder
- Sensors
- Cameras







DEVICE CONNECTORS

PCB Connectors

Part Number	Description	Positions
1128660	DMCC 0,5/ 2-ST-SH 7,0-2,54	2
1150807	DMCC 0,5/ 2-ST-SHL 7,0-2,54	2
1145726	DMCC 0,5/ 4-ST-SHL 7,0-2,54	4
1097546	DMC 0,5/ 2-G1SH-2,54P20THR24	2
1150791	DMC 0,5/ 2-G1SHL-2,54P20THRR24	2
1150824	DMCV 0,5/ 2-G1SHL-2,54P20THR24	2
1145402	DMC 0,5/ 4-G1SHL-2,54P20THRR24	4
1145419	DMCV 0,5/ 4-G1SHL-2,54P20THR24	4

Learn more about the DMCC products at www.phoenixcontact.com/pcb and search "DMCC"