

PCB Connectors

January 2019

MCC and DMCC

Single- and double-row PCB connectors with 2.54-mm pitch and crimp connection

Building on the already popular MC and DMC spring-termination product families, we are pleased to now offer this product line in a crimp version as the MCC 0.5 and DMCC 0.5 series. These new product families round out the MC and DMC product portfolio and offer gold-plated crimp contacts in a compact pitch of 2.54 mm. The addition of crimped contacts allows for quick wire terminations, allowing customers to make cost-effective cable assemblies with the new MCC and DMCC connectors.

The new MCC and DMCC are also 100 percent compatible with current MC and DMC headers. Loose piece contacts can be crimped with the appropriate Phoenix Contact hand tools, and contacts on the reel can be terminated quickly and easily with industry standard tooling. The Phoenix Contact hand tool is part number 1064998 (CRIMPFOX-P CC 0.75 L.)

Features and benefits

- Cost-effective crimp connection for hand, semi-automatic, or auto assembly
- Compatible with current MC and DMC headers
- Manual and automatic crimp tools are available
- Contacts are available on the reel for automated efficiency

Technical data

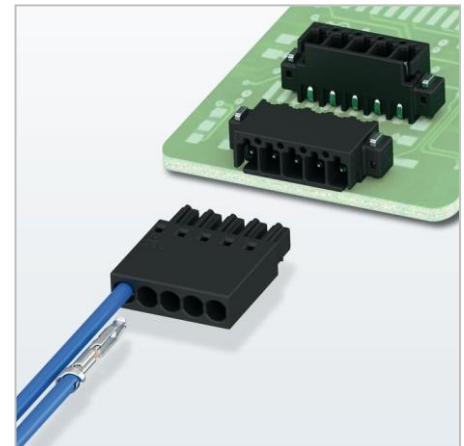
- 6 A
- 160 V
- 2.54-mm centerline
- 2 to 16 positions
- 4 to 32 contacts for the DMCC

Web codes

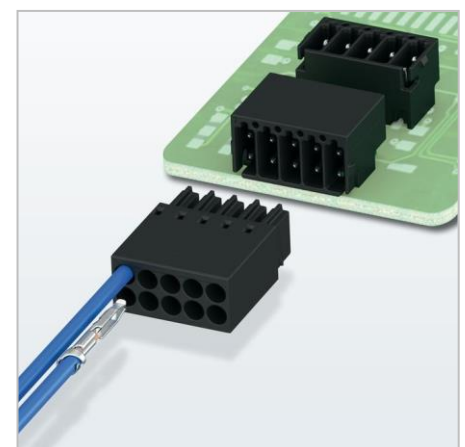
- #1610
- #1627

Industries

- Lighting
- Building automation
- Security and alarm
- Industrial controls



MCC

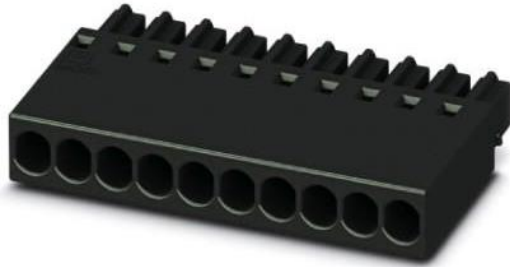


DMCC

DEVICE CONNECTORS

PCB Connectors

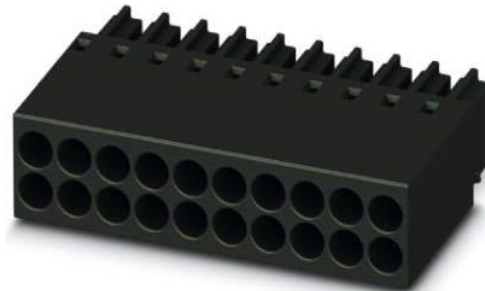
Ordering information



Single-level MCC

Part number	Description	Positions
1012266	MCC 0,5/ 2-ST-2,54	2
1012267	MCC 0,5/ 3-ST-2,54	3
1012268	MCC 0,5/ 4-ST-2,54	4
1012269	MCC 0,5/ 5-ST-2,54	5
1012270	MCC 0,5/ 6-ST-2,54	6
1012271	MCC 0,5/ 7-ST-2,54	7
1012272	MCC 0,5/ 8-ST-2,54	8
1012273	MCC 0,5/ 9-ST-2,54	9
1012274	MCC 0,5/10-ST-2,54	10
1012276	MCC 0,5/11-ST-2,54	11
1012277	MCC 0,5/12-ST-2,54	12
1012278	MCC 0,5/13-ST-2,54	13
1012279	MCC 0,5/14-ST-2,54	14
1012281	MCC 0,5/15-ST-2,54	15
1012282	MCC 0,5/16-ST-2,54	16

Part number	Description	Positions
1027603	DMCC 0,5/ 2-ST-2,54	2
1027605	DMCC 0,5/ 3-ST-2,54	3
1027606	DMCC 0,5/ 4-ST-2,54	4
1027607	DMCC 0,5/ 5-ST-2,54	5
1027608	DMCC 0,5/ 6-ST-2,54	6
1027609	DMCC 0,5/ 7-ST-2,54	7
1027610	DMCC 0,5/ 8-ST-2,54	8
1027611	DMCC 0,5/ 9-ST-2,54	9
1027612	DMCC 0,5/10-ST-2,54	10
1027613	DMCC 0,5/11-ST-2,54	11
1027614	DMCC 0,5/12-ST-2,54	12
1027615	DMCC 0,5/13-ST-2,54	13
1027616	DMCC 0,5/14-ST-2,54	14
1027617	DMCC 0,5/15-ST-2,54	15
1027618	DMCC 0,5/16-ST-2,54	16



Double-level DMCC

Crimp contact for MCC and DMCC



Part number	Description	Comments
1013418	MCC 0,5-MP AU 0,34-0,75 R	Gold-plated, on reel, 22-18 AWG
1013419	MCC 0,5-MP AU 0,34-0,75	Gold-plated, loose piece, 22-18 AWG
1013420	MCC 0,5-MP AU 0,14-0,5 R	Gold-plated, on reel, 26-20 AWG
1013425	MCC 0,5-MP AU 0,14-0,5	Gold-plated, loose piece, 26-20 AWG