

**INDUSTRIAL COMPONENT DATA**

# DMCC 0,5/16-ST-2,54 1027618 PHOENIX CONTACT Connector for printed circuit board, nominal current: 6 A, numbe..

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMCC 0,5/16-ST-2,54



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | DMCC 0,5/16-ST-2,54 |
| Catalog number  | 1027618             |
| Category        | Cable connector     |
| Minimum order   | 50 Pcs              |
| Document ID     | EO-8ACA25B32C       |
| Generated       | 2026-08-04          |

## Product Overview

Connector for printed circuit board, nominal current: 6 A, number of poles: 16, pitch: 2.54 mm, Connection type: Connection set, color: black, surface contacts: Gold

Connector for printed circuit board, nominal section: 0.75 mm<sup>2</sup>, color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact type: Female, number of potentials: 32, number of rows: 2, number of poles: 16, number of connections: 32, family of articles: DMCC 0.5/.. -ST, pitch: 2.54 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, plug-in system: COMBICON DFMC 0.5, lock: without, fixing type: without, packaging type: boxed

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      PHOENIX CONTACT &gt; PCB Connectors (PCC)

## Additional Product Information

ETIM for 1027618 Connectors (EC002638)

Feature Name

Feature Value

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)

32

Number of plug-in contact rows (EF006935)

2

Modular spacing contacts (EF007326)

2.54 mm

Modular spacing connections (EF006827)

2.54 mm

Angle contact/conductor connection (EF007546)

Other

Rated current  $I_n$  (EF008250)

6 A

Rated voltage (EF000228)

160 V

Rated surge voltage (EF002993)

2.5 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.14 mm<sup>2</sup>

Type of electric connection (EF003961)

Crimp connection

Connectable cable type (EF006816)

Tubular cable

Material of contact surface (EF004020)

Gold

Material contact (EF007544)

Copper

Material insulation body (EF007543)

Polyamide (PA)

Housing material (EF001596)

Other

Housing colour (EF000136)

Black

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-55 °C

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMCC 0,5/16-ST-2,54 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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