

## INDUSTRIAL COMPONENT DATA

# DMC 0,5/ 8-G1-2,54 P20THR R44 1844785 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 0,5/ 8-G1-2,54 P20THR R44



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DMC 0,5/ 8-G1-2,54 P20THR R44   |
| Catalog number  | 1844785                         |
| Category        | Printed circuit board connector |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-CB87876E98                   |
| Generated       | 2026-08-04                      |

## Product Overview

DMC 0,5/ 8-G1-2,54 P20THR R44 1844785 PHOENIX CONTACT Printed-circuit board connector

## STRUCTURED PRODUCT DATA

## Technical Specifications

| TECHNICAL ATTRIBUTE                       | VALUE           |
|-------------------------------------------|-----------------|
| Connector model (EF007495)                | Fixed connector |
| Contact type (EF001587)                   | Pin             |
| Number of poles (EF001391)                | 16              |
| Number of plug-in contact rows (EF006935) | 2               |
| Modular spacing contacts (EF007326)       | 2.54 mm         |
| Modular spacing connections (EF006827)    | 2.54 mm         |
| Rated current I <sub>n</sub> (EF008250)   | 6 A             |
| Rated voltage (EF000228)                  | 160 V           |
| Rated surge voltage (EF002993)            | 2.5 kV          |
| Over voltage category (EF006785)          | III             |
| Pollution degree (EF006786)               | 2               |
| Material of contact surface (EF004020)    | Gold            |
| Type of electric connection (EF003961)    | Other           |
| Diameter connection pin (EF006823)        | 1.2 mm          |
| Length pin (EF006825)                     | 2 mm            |

**CONTINUED**

## Technical Specifications

| TECHNICAL ATTRIBUTE                                                      | VALUE  |
|--------------------------------------------------------------------------|--------|
| Material insulation body (EF007543)                                      | Other  |
| Housing colour (EF000136)                                                | Black  |
| Inflammability class of insulation material according to UL94 (EF002521) | V0     |
| Operating temperature (EF002393)                                         | -40 °C |
| Type of fastening (EF002442)                                             | Other  |
| Type of banding (EF007011)                                               | Other  |

## Classification & Catalog Path

|              |                                        |
|--------------|----------------------------------------|
| eCl@ss 7.1   | 21043711                               |
| eCl@ss 8.0   | 21043711                               |
| eCl@ss 9.0   | 21043711                               |
| ETIM 5.0     | EC002246                               |
| ETIM 6.0     | EC002246                               |
| ETIM 7.0     | EC002246                               |
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Printed-circuit board connector

Printed circuit board base housing, nominal section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 16, number of rows: 2, number of poles: 8, number of connections: 16, article family: DMC 0.5/.. -G1-THR, pitch: 2.54 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON DFMC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packing type: 44 mm wide strap, Sample quantities available under SAMPLE DMC...

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 0,5/ 8-G1-2,54 P20THR R44 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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