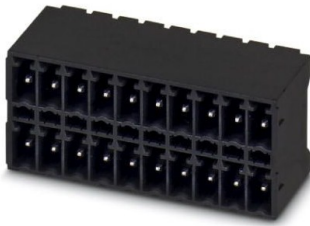


INDUSTRIAL COMPONENT DATA

MCDN 1,5/20-G1-3,81 P26THR 1749706 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDN 1,5/20-G1-3,81 P26THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCDN 1,5/20-G1-3,81 P26THR
Catalog number	1749706
Category	Printed circuit board connector
Minimum order	30 Pcs
Document ID	EO-A2A1EDB36D
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Printed circuit board base case, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 40, number of rows: 2, number of poles: 20, number of connections: 40, family of articles: MCDN 1.5/.. -G1-THR, pitch: 3.81 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2.6 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: box-packed, Pin length is 2.6 mm. For user information and design recommendations on Through Hole Reflow technology, please refer to: "Downloads"

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 > PCB Connectors (PCC)
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Additional Product Information

Key Commercial Data

Orderkey 1749706

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356314145

Weight per Piece (excluding packing) 14.600 g

Custom tariff number 85366930

Country of origin BG (Bulgaria)

Dimensions

Length [l] 13.3 mm

Width 77.29 mm

Pitch 3.81 mm

Dimension a 72.39 mm

Width [w] 77.29 mm

Height [h] 17.8 mm

Height 15.2 mm

Length of the solder pin 2.6 mm

Pin dimensions 0.8 x 0.8 mm

Pin spacing 3.50 mm

Length 13.3 mm

General

Range of articles MCDN 1,5/..-G1-THR

Insulating material group IIIa

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 250 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A

Maximum load current 8 A (per position)

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 20

General information

Type of note Details for soldering processes

Note Processing using reflow processes in compliance with IEC 60068-2-58 or DIN EN 61760-1 (latest version)

Moisture Sensitive Level (MSL) = 1 according to IPC/JEDEC J-STD-020-C

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCDN 1,5/20-G1-3,81 P26THR with the required quantity to info@electricaonline.com or use 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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