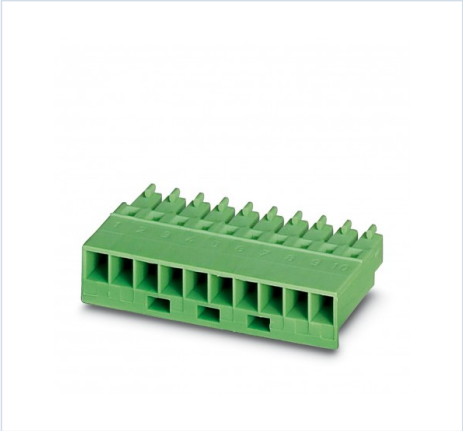
INDUSTRIAL COMPONENT DATA

MCC 1/ 2-STZ-3,81 BK 1753705 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCC 1/ 2-STZ-3,81 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCC 1/ 2-STZ-3,81 BK
Catalog number	1753705
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-07E646E11D
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 1 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MCC 1/.. -STZ, pitch: 3.81 mm, connection type: Crimped connection, conductor connection direction/printed circuit board: 0 °, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, packaging type: boxed
PCB connector, nominal cross section: 1 mm2, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact connection type: Socket, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: MCC 1/..-STZ, pitch: 3.81 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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)

Additional Product Information

Technical dataProduct propertiesProduct type PCB connector
Product family MCC 1/..-STZ
Product line COMBICON Connectors S
Number of positions 2
Pitch 3.81 mm
Number of connections 2
Number of rows 1

Number of potentials 2
Mounting flange without
Data management status
Article revision 00
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type Standard
Connector system COMBICON MC 1,5
Nominal cross section 1 mm²
Contact connection type Socket
Interlock
Locking type without
Mounting flange without
Conductor connection
Connection method Crimp connection
Conductor/PCB connection direction 0 °
Conductor cross section flexible 0.2 mm² ... 1 mm²
Conductor cross section AWG 24 ... 18
Material specificationsMaterial data - contact
Metal surface contact area (top layer) Tin (Sn)
Material data - housing
Color (Housing) black (9005)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature for the ball pressure test according to EN 60695-10-2 125 °C
DimensionsDimensional drawing
Pitch 3.81 mm
Width [w] 8.41 mm
Height [h] 8.7 mm
Length [l] 23.1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCC 1/ 2-STZ-3,81 BK 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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