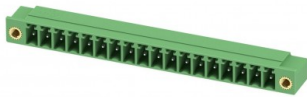


INDUSTRIAL COMPONENT DATA

MC 1,5/18-GF-3,81-LR 1817961 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/18-GF-3,81-LR



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/18-GF-3,81-LR
Catalog number	1817961
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-05124D923A
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Base housing printed circuit board, nominal section: 1.5 mm², color: green, rated current: 8 A, sizing voltage (III/2): 160 V, surface contacts: Tin, contact type: Male, Number of potentials: 18, Number of rows: 1, Number of poles per row: 18, number of connections: 18, article family: MC 1,5/.. -GF-LR, pitch: 3.81 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 mm, Stecksystem: MINI COMBICON, Locking: Lace locking, packaging type: boxed packaging

PCB base strip, nominal cross-section: 1.5 mm², colour: green, rated current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact type: pin, number of potentials: 18, number of rows: 1, number of poles: 18, number of terminals: 18, article family: MC 1,5/.. -GF-LR, Pitch: 3.81 mm, Mounting: Wave Soldering, Pin Layout: Linear Pinning, Pin Length [P]: 3.4 mm, Number of Solder Pins per Potential: 1, Mating System: COMBICON MC 1.5, Mating Face Alignment: Standard, Locking: Lock and Release Latching, Mounting Type: Lock & Release Threaded Flange, Packaging Type: Packed in a Box

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 1817961

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4046356754705

Weight per Piece (excluding packing) 1.000 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 9.2 mm

Width 78.97 mm

Pitch 3.81 mm

Dimension a 64.77 mm

Width [w] 78.97 mm

Height [h] 10.65 mm

Height 7.25 mm

Length of the solder pin 3.4 mm

Pin dimensions 0.8 x 0.8 mm

Length 9.2 mm

General

Range of articles MC 1,5/...-GF-LR

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 IN 8 A

Maximum load current 8 A

Insulating material PBT

Flammability rating according to UL 94 V0

Color green

Number of positions 18

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss
7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/18-GF-3,81-LR 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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