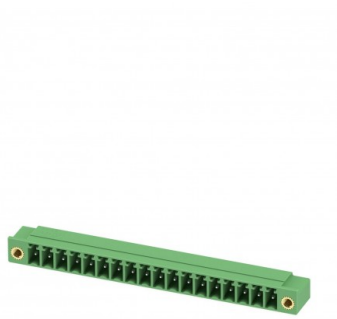
INDUSTRIAL COMPONENT DATA

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-BE74D1EBA6
Generated	2026-11-19

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)

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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