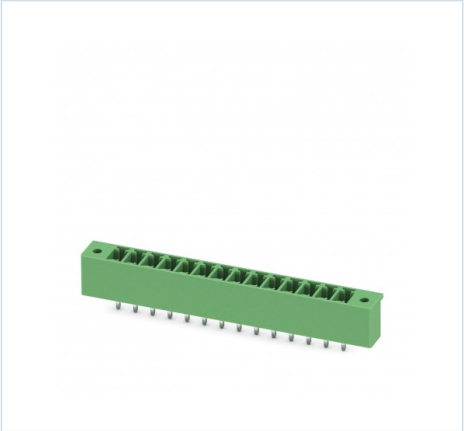
INDUSTRIAL COMPONENT DATA

MCV 1,5/14-GF-3,81-LR 1818300 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/14-GF-3,81-LR



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/14-GF-3,81-LR
Catalog number	1818300
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-66065A2DE0
Generated	2026-11-18

Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 14, number of rows: 1, number of poles: 14, number of connections: 14, family of articles: MCV 1.5/.. -GF-LR, pitch: 3.81 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 mm, number of welding pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, locking: Snap-in lock, fixing type: Lock & Release air clamping (thread), packaging type: boxed
PCB socket, nominal cross-section: 1.5 mm2, colour: green, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of potentials: 14, number of rows: 1, number of poles: 14, number of connections: 14, product series: MCV 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, plug system: COMBICON MC 1.5, Insertion pin orientation: Standard, locking: Lock and Release, fixing type: Lock & Release threaded flange, package type: packed in carton

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 1818300
Packing unit 50 pc
Catalog page Page 227 (C-1-2013)

GTIN 4046356755283
Weight per Piece (excluding packing) 4.920 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions
Length [l] 7.25 mm
Width 63.73 mm
Pitch 3.81 mm
Dimension a 49.53 mm
Width [w] 63.73 mm
Height [h] 12.6 mm
Height 9.2 mm
Length of the solder pin 3.4 mm
Pin dimensions 0.8 x 0.8 mm
Length 7.25 mm
General
Range of articles MCV 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 14
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 = 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 12.0139121409UNSPSC 13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/14-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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