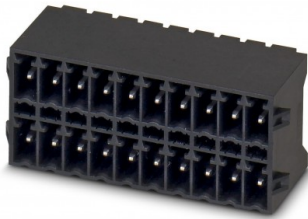


INDUSTRIAL COMPONENT DATA

MCDN 1,5/12-G1-3,5 RNP14THR 1953305 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDN 1,5/12-G1-3,5 RNP14THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCDN 1,5/12-G1-3,5 RNP14THR
Catalog number	1953305
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-3F1E928D49
Generated	2026-08-03

Product Overview

Feed-through header

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: 24, number of rows: 2, number of poles: 12, number of connections: 24, family of articles: MCDN 1.5/.. -G1-RN-THR, pitch: 3.5 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: Snap-in lock, fixing type: Socket protrusion, packaging type: box-packed, Item with socket protrusion. The pin length is 14mm. For user information and design recommendations on Through Hole Reflow technology, see "Downloads"

PCB socket, nominal cross-section: 1.5 mm², colour: black, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of potentials: 24, number of rows: 2, number of poles: 12, number of connections: 24, product series: MCDN 1.5/.. -G1-RN-THR, pitch: 3.5 mm, mounting: TTHR / wave soldering, pin layout: Linear pinning, pin length [P]: 1.4 mm, number of solder pins per potential: 1, plug system: COMBICON FMC 1.5 - MCDN 1.5, Insertion pin orientation: Standard, locking: Snap-on locking, fastening type: Plug-in tab, packaging type: packed in carton, item with plug-in tab.

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 1953305

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 219 (C-1-2013)

GTIN 4017918918989

Weight per Piece (excluding packing) 7.840 g

Custom tariff number 85366930

Country of origin BG (Bulgaria)

Dimensions

Length [l] 13.3 mm

Width 45.7 mm

Pitch 3.5 mm

Dimension a 38.5 mm

Width [w] 45.7 mm

Height [h] 16.6 mm

Height 15.2 mm

Length of the solder pin 1.4 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-RN-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 IN 8 A

Maximum load current 8 A (per position)

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 12

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

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 7.090139...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCDN 1,5/12-G1-3,5 RNP14THR 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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