INDUSTRIAL COMPONENT DATA

MCDN 1,5/18-G1-3,5 RNP14THR 1953376 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDN 1,5/18-G1-3,5 RNP14THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCDN 1,5/18-G1-3,5 RNP14THR
Catalog number	1953376
Category	Printed circuit board connector
Minimum order	30 Pcs
Document ID	EO-C228CB4D11
Generated	2026-11-19

Product Overview

Feed-through header
Printed circuit board base housing, 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: 36, number of rows: 2, number of poles: 18, number of connections: 36, 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: 36, number of rows: 2, number of poles: 18, number of connections: 36, 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 ta...

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 1953376

Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 103 (CC-2005)
GTIN 4017918919047
Weight per Piece (excluding packing) 12.180 g
Custom tariff number 85366930
Country of origin BG (Bulgaria)
Dimensions
Length [l] 13.3 mm
Width 66.7 mm
Pitch 3.5 mm
Dimension a 59.5 mm
Width [w] 66.7 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 18
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 1,5/18-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.