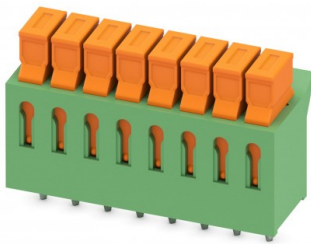


INDUSTRIAL COMPONENT DATA

IDC 0,3/ 8-3,81 1706235 PHOENIX CONTACT PCB terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: IDC 0,3/ 8-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	IDC 0,3/ 8-3,81
Catalog number	1706235
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-950B10732B
Generated	2026-09-29

Product Overview

PCB terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Connection method: Displacement connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green
Terminal block for printed circuit board, nominal current: 5 A, nominal voltage (III/2): 160 V, nominal cross-section: 0.34 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: IDC 0.3, pitch: 3.81 mm, connection type: Offset connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.4 mm, number of welding pins per potential: 1, packaging type: boxed

Printed circuit board terminal, nominal current: 5 A, rated voltage (III/2): 160 V, nominal cross section: 0.34 mm², number of potentials: 8, number of rows: 1, number of positions per row: 8, product range: IDC 0,3, pitch: 3.81 mm, connection method: Displacement connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.4 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Printed circuit board terminal
Product family IDC 0,3
Product line COMBICON Terminals XS
Type PC termination block

Number of positions 8
Pitch 3.81 mm
Number of connections 8
Number of rows 1
Number of potentials 8
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 01
Electrical propertiesNominal current I_N 5 A
Nominal voltage U_N 160 V
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type PC termination block
Nominal cross section 0.34 mm²
Conductor connection
Connection method Displacement connection
Conductor cross section rigid 0.13 mm² ... 0.34 mm²
Conductor cross section flexible 0.22 mm² ... 0.34 mm²
Conductor cross section AWG 26 ... 22
MountingMounting type Wave soldering
Pin layout Linear pinning
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Tin-plated
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer) Nickel (2 - 3 µm Ni)
Metal surface soldering area (top layer) Tin (5 - 7 µm Sn)
Metal surface soldering area (middle layer) Nickel (2 - 3 µm Ni)
Material data - housing
Color (Housing) green (6021)
Insulating material PA
Ins...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IDC 0,3/ 8-3,81 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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