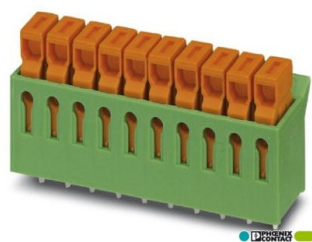


INDUSTRIAL COMPONENT DATA

IDC 0,3/12-3,81 1706277 PHOENIX CONTACT PCB terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: IDC 0,3/12-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	IDC 0,3/12-3,81
Catalog number	1706277
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-6D6D3FEC43
Generated	2026-09-28

Product Overview

PCB terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 12, 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: 12, number of rows: 1, number of poles per row: 12, 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

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

Dimensions

Length 10 mm

Pitch 3.81 mm

Dimension a 41.91 mm

Constructional height 15 mm

Length of the solder pin 3.5 mm

Pin dimensions 1 x 0,4 mm

Hole diameter 1.3 mm

General

Range of articles IDC 0,3
Insulating material group I
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) 320 V
Connection in acc. with standard EN-VDE
Nominal current IN 5 A
Nominal cross section 0.34 mm²
Maximum load current 5 A (with 0.34 mm² conductor cross section)
Insulating material PA
Solder pin surface Sn
Flammability rating according to UL 94 V0
Number of positions 12
Connection data
Conductor cross section solid min. 0.13 mm²
Conductor cross section solid max. 0.34 mm²
Conductor cross section flexible min. 0.22 mm²
Conductor cross section flexible max. 0.34 mm²
Conductor cross section AWG min. 26
Conductor cross section AWG max. 22
Wire diameter incl. insulation 1.8 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IDC 0,3/12-3,81 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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