

INDUSTRIAL COMPONENT DATA

IMC 1,5/ 6-G-3,81 1862616 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: IMC 1,5/ 6-G-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	IMC 1,5/ 6-G-3,81
Catalog number	1862616
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-381EEEE8F48
Generated	2026-08-02

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: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: BMI 1.5/.. -G, pitch: 3.81 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 mm, number of solder pins per potential: 2, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1862616

Packing unit 50 pc

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GTIN 4017918133610

Weight per Piece (excluding packing) 2.130 g

Custom tariff number 85366930

Country of origin PL (Poland)

Dimensions

Length [L] 14.45 mm

Width 23.65 mm

Pitch 3.81 mm

Dimension a 19.05 mm

Width [w] 23.65 mm

Height [h] 10.25 mm

Height 6.85 mm

Length of the solder pin 3.4 mm

Pin dimensions 0.62 x 1.12 mm

Length 14.45 mm

General

Range of articles IMC 1,5/-G

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 8 A

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 6

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 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

ETIM for 1862616 Connectors (EC002637)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IMC 1,5/ 6-G-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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