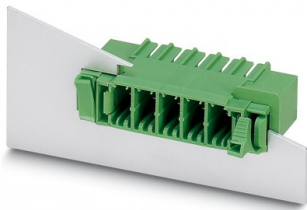


INDUSTRIAL COMPONENT DATA

DFK-PC 5/ 8-G-7,62 1727647 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-PC 5/ 8-G-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-PC 5/ 8-G-7,62
Catalog number	1727647
Category	Printed circuit board connector
Minimum order	10 Pcs
Document ID	EO-61B8CD9838
Generated	2026-08-02

Product Overview

Printed-circuit board connector

Wall pass-through housing, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: DFK-PC 5/.. -G, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4.9 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

Through socket, nominal cross-section: 6 mm², colour: green, nominal current: 41 A, reference voltage (III/2): 630 V, contact area: Sn, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, item range: DFK-PC 5/.. -G, pitch: 7.62 mm, mounting: Wave welding, spindle plane: Linear broaching, spindle length [P]: 4.9 mm, number of pins per potential: 3, Plug-in system: COMBICON PC 5, Orientation of the plug-in pattern: Standard, locking: without, fastening type: without, packaging type: packed in a carton

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 1727647

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

Catalog page Page 544 (C-1-2013)

GTIN 4046356135795

Weight per Piece (excluding packing) 23.850 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 41.65 mm

Width 86.46 mm

Pitch 7.62 mm

Dimension a 53.34 mm

Width [w] 86.46 mm

Height [h] 21.1 mm

Height 19.54 mm

Length of the solder pin 4.9 mm

Pin dimensions 1 x 0.8 mm

Pin spacing 7.62 mm

Length 41.65 mm

General

Range of articles DFK-PC 5/...-G

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 500 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 800 V

Connection in acc. with standard EN-VDE

Nominal current IN 41 A

Maximum load current 41 A

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 8

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 1139121409UNSPS...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-PC 5/ 8-G-7,62 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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