INDUSTRIAL COMPONENT DATA

DFK-PC 5/12-GF-SH-7,62 1716166 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-PC 5/12-GF-SH-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-PC 5/12-GF-SH-7,62
Catalog number	1716166
Category	Printed circuit board connector
Minimum order	10 Pcs
Document ID	EO-A698714ABD
Generated	2026-11-18

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: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: DFK-PC 5/.. -GF-SH, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 5 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Plug-in face orientation: Standard, locking: Screw locking, fixing type: Air clamping (thread), 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

Key Commercial Data
Orderkey 1716166
Packing unit 10 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
Catalog page Page 546 (C-1-2013)
GTIN 4046356136785
Weight per Piece (excluding packing) 31.000 g
Custom tariff number 85366990
Country of origin PL (Poland)

Dimensions
Length [l] 29.25 mm
Width 116.94 mm
Pitch 7.62 mm
Dimension a 83.82 mm
Width [w] 116.94 mm
Height [h] 21.1 mm
Height 19.54 mm
Length of the solder pin 5 mm
Pin dimensions 0.8 x 1 mm
Pin spacing 7.62 mm
Length 29.25 mm
General
Range of articles DFK-PC 5/..-GF-SH
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 12
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 1139121409...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-PC 5/12-GF-SH-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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