INDUSTRIAL COMPONENT DATA

DFK-PC 6-16/ 7-G-10,16 1701508 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-PC 6-16/ 7-G-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-PC 6-16/ 7-G-10,16
Catalog number	1701508
Category	Printed circuit board connector
Minimum order	10 Pcs
Document ID	EO-CBCD863A31
Generated	2026-11-18

Product Overview

Feed-through header
Wall pass-through housing, nominal section: 16 mm², color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Male, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: DFK-PC 6-16/.. -G, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4.1 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 16, 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)

Additional Product Information

Key Commercial Data
Orderkey 1701508
Packing unit 10 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
Catalog page Page 574 (C-1-2013)
GTIN 4046356030571
Weight per Piece (excluding packing) 33.630 g
Custom tariff number 85366990
Country of origin PL (Poland)

Dimensions
Length [l] 46.4 mm
Width 90.56 mm
Pitch 10.16 mm
Dimension a 60.96 mm
Width [w] 90.56 mm
Height [h] 23.1 mm
Height 19 mm
Length of the solder pin 4.1 mm
Pin dimensions 1.2 x 1 mm
Pin spacing 10.16 mm
Length 46.4 mm
General
Range of articles DFK-PC 6-16/..-G
Insulating material group I
Rated surge voltage (III/3) 8 kV
Rated surge voltage (III/2) 8 kV
Rated surge voltage (II/2) 6 kV
Rated voltage (III/3) 1000 V
Rated voltage (III/2) 1000 V
Rated voltage (II/2) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 76 A
Maximum load current 76 A
Insulating material PA
Flammability rating according to UL 94 V0
Color green
Number of positions 7
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 1139121409UN...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-PC 6-16/ 7-G-10,16 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.