

INDUSTRIAL COMPONENT DATA

DFK-PC 6-16/ 7-GF-SH-10,16 1701980 PHOENIX CONTACT

Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-PC 6-16/ 7-GF-SH-10,16
Catalog number	1701980
Category	Printed circuit board connector
Minimum order	10 Pcs
Document ID	EO-1A0A709101
Generated	2026-08-02

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/.. -GF-SH, 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, locking: Screw lock, 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 1701980

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

Catalog page Page 576 (C-1-2013)

GTIN 4046356030892

Weight per Piece (excluding packing) 27.320 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 34 mm

Width 106.48 mm

Pitch 10.16 mm

Dimension a 60.96 mm

Width [w] 106.48 mm

Height [h] 20.3 mm

Height 19 mm

Length of the solder pin 4.1 mm

Pin dimensions 1 x 1.2 mm

Pin spacing 10.16 mm

Length 34 mm

General

Range of articles DFK-PC 6-16/..-GF-SH

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 I_N 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

ClassificationseCl@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 6-16/ 7-GF-SH-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.