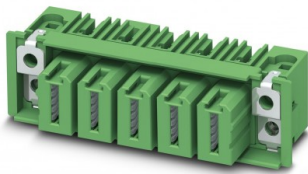


## INDUSTRIAL COMPONENT DATA

# DFK-IPC 35 HC/ 6-GF-15,00 1785003 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-IPC 35 HC/ 6-GF-15,00



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DFK-IPC 35 HC/ 6-GF-15,00       |
| Catalog number  | 1785003                         |
| Category        | Printed circuit board connector |
| Minimum order   | 10 Pcs                          |
| Document ID     | EO-7EBF81A471                   |
| Generated       | 2026-08-03                      |

### Product Overview

Printed-circuit board connector

Wall pass-through housing, nominal section: 35 mm<sup>2</sup>, color: green, nominal current: 125 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: DFK-IPC 35 HC/..-GF, pitch: 15 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4.6 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 35, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Aerial clamping (thread), packaging type: boxed

Feed-through header, nominal cross section: 35 mm<sup>2</sup>, color: green, nominal current: 125 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Socket, number of potentials: 6, number of rows: 1, number of positions: 6, number of connections: 6, product range: DFK-IPC 35 HC/..-GF, pitch: 15 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 4.6 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 35, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type Feed-through header

Product family DFK-IPC 35 HC/..-GF

Product line COMBICON Connectors XL

Type Feed-through header

Number of positions 6  
Pitch 15 mm  
Number of connections 6  
Number of rows 1  
Number of potentials 6  
Mounting flange Threaded flange  
Pin layout Linear pinning  
Solder pins per potential 3  
Data management status  
Article revision 01  
Electrical propertiesNominal current IN 125 A  
Nominal voltage UN 1000 V  
Rated voltage (III/3) 1000 V  
Rated surge voltage (III/3) 8 kV  
Rated voltage (III/2) 1000 V  
Rated surge voltage (III/2) 8 kV  
Rated voltage (II/2) 1000 V  
Rated surge voltage (II/2) 6 kV  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
Flange  
Tightening torque 0.8 Nm  
Attachment to feed-through panel  
Tightening torque 1 Nm  
Screw 1700368 DFK-PC 35 SS  
Attachment on the PCB  
Tightening torque 1 Nm  
Screw 1700368 DFK-PC 35 SS  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Metal surface contact area (top layer) Silver (4 - 8 µm Ag)  
Material data - housing  
Color (Housing) green (6021)  
Insulating material PBT  
Insulating material group IIIa  
CTI according to IEC 60112 225  
Flammability rating according to UL 94 V0  
NotesNotes on operation In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under lo...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-IPC 35 HC/ 6-GF-15,00 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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