

## INDUSTRIAL COMPONENT DATA

# DFK-IPCV 16/ 5-G-10,16 1703085 PHOENIX CONTACT

## Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-IPCV 16/ 5-G-10,16



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DFK-IPCV 16/ 5-G-10,16          |
| Catalog number  | 1703085                         |
| Category        | Printed circuit board connector |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-6A5E8DAA88                   |
| Generated       | 2026-07-31                      |

### Product Overview

DFK-IPCV 16/ 5-G-10,16 1703085 PHOENIX CONTACT Feed-through header

## STRUCTURED PRODUCT DATA

### Technical Specifications

| TECHNICAL ATTRIBUTE                       | VALUE           |
|-------------------------------------------|-----------------|
| Connector model (EF007495)                | Fixed connector |
| Contact type (EF001587)                   | Bus             |
| Number of poles (EF001391)                | 5               |
| Number of plug-in contact rows (EF006935) | 1               |
| Modular spacing contacts (EF007326)       | 10.16 mm        |
| Modular spacing connections (EF006827)    | 10.16 mm        |
| Rated current I <sub>n</sub> (EF008250)   | 76 A            |
| Rated voltage (EF000228)                  | 1000 V          |
| Rated surge voltage (EF002993)            | 8 kV            |
| Over voltage category (EF006785)          | III             |
| Pollution degree (EF006786)               | 2               |
| Material of contact surface (EF004020)    | Silver          |
| Type of electric connection (EF003961)    | Other           |
| Diameter connection pin (EF006823)        | 1.7 mm          |
| Length pin (EF006825)                     | 4.1 mm          |

**CONTINUED**

## Technical Specifications

| TECHNICAL ATTRIBUTE                                                      | VALUE            |
|--------------------------------------------------------------------------|------------------|
| Material insulation body (EF007543)                                      | Other            |
| Housing colour (EF000136)                                                | Green            |
| Inflammability class of insulation material according to UL94 (EF002521) | V0               |
| Operating temperature (EF002393)                                         | -40 °C           |
| Type of fastening (EF002442)                                             | Other            |
| Type of banding (EF007011)                                               | Carton (for SMD) |

## Classification & Catalog Path

|              |                                        |
|--------------|----------------------------------------|
| eCl@ss 7.1   | 21043711                               |
| eCl@ss 8.0   | 21043711                               |
| eCl@ss 9.0   | 21043711                               |
| ETIM 5.0     | EC002246                               |
| ETIM 6.0     | EC002246                               |
| ETIM 7.0     | EC002246                               |
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Feed-through header

Wall pass-through housing, nominal section: 16 mm<sup>2</sup>, color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: DFK-IPCV 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

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-IPCV 16/ 5-G-10,16 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

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