

## INDUSTRIAL COMPONENT DATA

# ICC25-H/4R5,0-9005 1072485 PHOENIX CONTACT PCB headers, number of positions: 4, pitch: 5 mm, color: black, s..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICC25-H/4R5,0-9005



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | ICC25-H/4R5,0-9005              |
| Catalog number  | 1072485                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-460D90996E                   |
| Generated       | 2026-08-05                      |

## Product Overview

PCB headers, number of positions: 4, pitch: 5 mm, color: black, solder pin [P]: 3.5 mm

Printed circuit board base housing, nominal section: 2.5 mm<sup>2</sup>, color: black, nominal current: 16 A, nominal voltage (III/2): 320 V, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, article family: ICC..-H/..R5,0, pitch: 5 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of welding pins per potential: 1, Plug-in face orientation: Standard, locking: Snap lock, fixing type: without, packaging type: Carton packing, Item with right side pin output

PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: black, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: ICC..-H/..R5,0, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: ICC 2,5, Pin connector pattern alignment: Standard, locking: Snap-in locking, mounting: without, type of packaging: Box packaging, Product with pin output on right side

## 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 > Housing (HS) |
|--------------|--------------------------------|

## Additional Product Information

Technical dataProduct propertiesProduct type PCB headers

Product family ICC..-H/..R5,0

Type Header perpendicular to the PCB

Number of positions 4

Pitch 5 mm

Number of connections 4  
Number of rows 1  
Number of potentials 4  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 02  
Electrical propertiesNominal current IN 16 A  
Nominal voltage UN 320 V  
Contact resistance 1.5 m?  
Rated voltage (III/3) 250 V  
Rated surge voltage (III/3) 4 kV  
Rated voltage (III/2) 320 V  
Rated surge voltage (III/2) 4 kV  
Rated voltage (II/2) 630 V  
Rated surge voltage (II/2) 4 kV  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Surface characteristics Tin-plated  
Metal surface terminal point (top layer) Tin (2 - 4 µm Sn)  
Metal surface terminal point (middle layer) Nickel (1.3 - 3 µm Ni)  
Metal surface contact area (top layer) Tin (2 - 4 µm Sn)  
Metal surface contact area (middle layer) Nickel (1.3 - 3 µm Ni)  
Metal surface soldering area (top layer) Tin (2 - 4 µm Sn)  
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)  
Material data - housing  
Color (Housing) black (9005)  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICC25-H/4R5,0-9005 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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