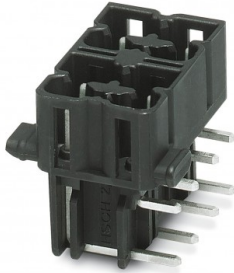


## INDUSTRIAL COMPONENT DATA

# HSCH 2,5-2U/ 8 9005 2201789 PHOENIX CONTACT

## Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: HSCH 2,5-2U/ 8 9005



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | HSCH 2,5-2U/ 8 9005             |
| Catalog number  | 2201789                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-F5EE298817                   |
| Generated       | 2026-08-05                      |

### Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 2.5 mm<sup>2</sup>, color: black, nominal current: 8 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 8, number of rows: 2, number of poles: 8, number of connections: 8, family of articles: HSCH 2,5/.. -G, pitch: 5 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.8 mm, number of solder pins per potential: 1, plug-in system: HSC 2.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: black, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 8, number of rows: 2, number of positions: 8, number of connections: 8, product range: HSCH 2,5/..-G, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.8 mm, number of solder pins per potential: 1, plug-in system: HSC 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, 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 > Housing (HS) |
|--------------|--------------------------------|

### Additional Product Information

Technical dataProduct propertiesProduct type PCB headers

Product family HSCH 2,5/..-G

Number of positions 8

Pitch 5 mm

Number of connections 8

Number of rows 2  
Number of potentials 8  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 02  
Electrical propertiesNominal current IN 8 A  
Nominal voltage UN 320 V  
Contact resistance 2 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) 600 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 soldering area (top layer) Tin (4 - 8 µm Sn)  
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 GWIT according to EN 60695-2-13 775  
Temperature for the ball pressure test according to EN 60695-10-2 125 °C  
NotesAssembly note Refer to the data sheet for the range in the download area.  
Safety note  
Safety note WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HSCH 2,5-2U/ 8 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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