INDUSTRIAL COMPONENT DATA

# HSCP-SP 2,5-1U20-7035 2201782 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HSCP-SP 2,5-1U20-7035**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HSCP-SP 2,5-1U20-7035 |
| Catalog number | 2201782 |
| Category | Cable connector |
| Minimum order | 50 Pcs |
| Document ID | EO-20ABDAD453 |
| Generated | 2026-11-18 |

## Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², color: luminous gray, nominal current: 8 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 2, number of rows: 2, number of poles: 2, number of connections: 2, article family: HSCP-SP 2.5-.., pitch: 5 mm, connection type: Push-in spring connection, conductor connection/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: HSC 2.5, locking: without, fixing type: without, packaging type: boxed, Normally spring-closed contact color: orange
PCB connector, nominal cross section: 2.5 mm2, color: light gray, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 2, number of rows: 2, number of positions: 2, number of connections: 2, product range: HSCP-SP 2,5-.., pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: HSC 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, Partially assembled version

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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| Catalog path | PHOENIX CONTACT > Housing (HS) |

## Additional Product Information

Technical dataProduct propertiesProduct type PCB connector
Product family HSCP-SP 2,5-..
Number of positions 2
Pitch 5 mm
Number of connections 2

Number of rows 2
Number of potentials 2
Data management status
Article revision 06
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
Connection dataConnection technology
Connector system HSC 2,5
Nominal cross section 2.5 mm²
Contact connection type Socket
Interlock
Locking type without
Mounting flange without
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 1.5 mm²
Cylindrical gauge a x b / diameter 2.4 mm x 1.5 mm / 1.9 mm
Stripping length 10 mm
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 (Sn)
Metal surface contact area (top layer) Tin (Sn)
Material data - h...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HSCP-SP 2,5-1U20-7035 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

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