INDUSTRIAL COMPONENT DATA

PC 35 HC/ 4-GF-SH-15,00 BK 1831950 PHOENIX CONTACT PCB headers, nominal current: 125 A, rated voltage (III/2..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 35 HC/ 4-GF-SH-15,00 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 35 HC/ 4-GF-SH-15,00 BK
Catalog number	1831950
Category	Printed circuit board connector
Minimum order	25 Pcs
Document ID	EO-93FBA72141
Generated	2026-11-18

Product Overview

PCB headers, nominal current: 125 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 15 mm, color: black, contact surface: Silver, mounting: Wave soldering
Printed circuit board base housing, nominal section: 35 mm², color: black, nominal current: 125 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: PC 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
PCB headers, nominal cross section: 35 mm2, color: black, nominal current: 125 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: PC 35 HC/..-GF-SH, 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 PCB headers
Product family PC 35 HC/..-GF-SH
Product line COMBICON Connectors XL

Number of positions 4
Pitch 15 mm
Number of connections 4
Number of rows 1
Number of potentials 4
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
Contact resistance 0.12 m?
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
Surface characteristics Electroplated silver
Metal surface contact area (top layer) Silver (4 - 8 µm Ag)
Metal surface soldering area (top layer) Silver (4 - 8 µm Ag)
Material data - housing
Color (Housing) black (9005)
Insulating material PBT
Insulating material group IIIa
CTI according to IEC 60112 >=175
Flammability rating according to UL 94 V0
NotesNotes on operation In accordance with IEC 61984, COMBICON connectors have no switching power (COC).....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 35 HC/ 4-GF-SH-15,00 BK 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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