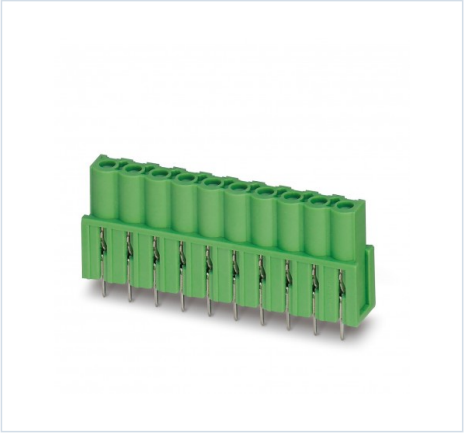
INDUSTRIAL COMPONENT DATA

ICV 2,5 HC/ 4-G-5,08 BK 1704234 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICV 2,5 HC/ 4-G-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	ICV 2,5 HC/ 4-G-5,08 BK
Catalog number	1704234
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-F3ECD7855D
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 2.5 mm², color: black, nominal current: 16 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 4, family of articles: ICV 2.5 HC/..-G, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.6 mm, number of solder pins per potential: 2, plug-in system: COMBICON MSTB 2.5 HC, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: boxed
PCB headers, nominal cross section: 2.5 mm2, color: black, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of rows: 1, number of positions: 4, product range: ICV 2,5 HC/..-G, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.6 mm, number of solder pins per potential: 2, plug-in system: COMBICON MSTB 2,5 HC, 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 > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct type PCB headers
Product family ICV 2,5 HC/..-G
Product line COMBICON Connectors M
Number of positions 4
Pitch 5.08 mm

Number of rows 1
Mounting flange without
Pin layout Linear pinning
Solder pins per potential 2
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) 320 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 hot-dip tin-plated
Metal surface contact area (top layer) Tin (4 - 8 µm Sn)
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
NotesNotes on operation In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or dis...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICV 2,5 HC/ 4-G-5,08 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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