

INDUSTRIAL COMPONENT DATA

ICV 2,5/12-GF-5,08 BK 1778311 PHOENIX CONTACT Housing base printed circuit board, nominal current: 12 A, num..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICV 2,5/12-GF-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	ICV 2,5/12-GF-5,08 BK
Catalog number	1778311
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-B86E58C149
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Product Overview

Housing base printed circuit board, nominal current: 12 A, number of poles: 12, pitch: 5,08 mm, color: black, surface of contact: Tin, assembly: wave Soldering

Base housing printed circuit board, nominal section: 2.5 mm², color: black, rated current: 12 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Connection female, Number of potentials: 12, Number of rows: 1, Number of poles per row: 12, number of connections: 12, article family: ICV 2,5/.. -GF, pitch: 5.08 mm, mounting: Wave welding, pin arrangement: Double linear pin arrangement, pin length [P]: 3.6 mm, Stecksystem:CLASSIC COMBICON, Locking: Screw lock, packing type: box packed

PCB headers, nominal cross section: 2.5 mm², color: black, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 12, number of rows: 1, number of positions: 12, number of connections: 12, product range: ICV 2,5/..-GF, 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, 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 line COMBICON Connectors M

Product type PCB headers

Product family ICV 2,5/..-GF

Number of positions 12
Pitch 5.08 mm
Number of connections 12
Number of rows 1
Mounting flange Threaded flange
Number of potentials 12
Pin layout Linear pinning
Solder pins per potential 2
Electrical propertiesNominal current I_N 12 A
Nominal voltage U_N 320 V
Degree of pollution 3
Contact resistance 1.3 m Ω
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
Flange
Tightening torque 0.3 Nm
Attachment on the PCB
Tightening torque 0.3 Nm
Screw Sheet metal screw ISO 1481-ST 2,2x6,5 C or ISO 7049-ST 2,2x6,5 C
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 μ m Sn)
Metal surface soldering area (top layer) Tin (4 - 8 μ m 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 t...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICV 2,5/12-GF-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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