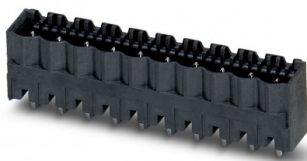


INDUSTRIAL COMPONENT DATA

CCVA 2,5/ 3-G-5,08 P14CR2THRR 1077021 PHOENIX CONTACT Feed-through header CCVA 2,5/ 3-G-5,08 P14CR2THRR 1077..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CCVA 2,5/ 3-G-5,08 P14CR2THRR



Manufacturer	PHOENIX CONTACT
MPN / Reference	CCVA 2,5/ 3-G-5,08 P14CR2THRR
Catalog number	1077021
Category	Printed circuit board connector
Minimum order	1120 Pcs
Document ID	EO-8B4CE2A794
Generated	2026-08-02

Product Overview

Feed-through header - CCVA 2,5/ 3-G-5,08 P14CR2THRR - 1077021

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: Male, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, number of connections: 3, article family: CCVA 2,5/.. -G, pitch: 5.08 mm, mounting: THR welding, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 mm, Stecksystem: CLASSIC COMBICON, Locking: sin, packing type: 32 mm wide strap PCB headers, nominal cross section: 2.5 mm², color: black, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: CCVA 2,5/..-G, pitch: 5.08 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: 32 mm wide tape

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 CCVA 2,5/..-G

Product line COMBICON Connectors M

Number of positions 3

Pitch 5.08 mm
Number of connections 3
Number of rows 1
Number of potentials 3
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 02
Electrical propertiesNominal current I_N 12 A
Nominal voltage U_N 320 V
Contact resistance 1.3 m Ω
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) 400 V
Rated surge voltage (II/2) 4 kV
MountingMounting type THR soldering / wave soldering
Pin layout Linear pinning
Processing notes
Process Reflow/wave soldering
Moisture Sensitive Level MSL 1
Classification temperature T_c 260 °C
Solder cycles in the reflow 3
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 contact area (top layer) Tin (3 - 5 μm Sn)
Metal surface contact area (middle layer) Nickel (1.3 - 3 μm Ni)
Metal surface soldering area (top layer) Tin (3 - 5 μm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 μm Ni)
Material data - housing
Color (Housing) black (9005)
Insulating material LCP
Insulating material group IIIa
CTI according to IEC 60112 175
Flammability rating according to UL 94 V0
NotesDetails for soldering processes Processing using ref...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CCVA 2,5/ 3-G-5,08 P14CR2THRR 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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