INDUSTRIAL COMPONENT DATA

CCVA 2,5/ 4-G-5,08 P14CR2THR 1091245 PHOENIX CONTACT Housing base printed circuit board, number of poles: 4,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CCVA 2,5/ 4-G-5,08 P14CR2THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	CCVA 2,5/ 4-G-5,08 P14CR2THR
Catalog number	1091245
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-4ED3E03C27
Generated	2026-11-19

Product Overview

Housing base printed circuit board, number of poles: 4, pitch: 5,08 mm, color: black
Printed circuit board base case, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 4, family of articles: CCVA 2.5/.. -G, pitch: 5.08 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

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 dataItem PropertiesProduct Type Printed circuit board base housing
Product Family CCVA 2.5/.. -G
Product Line COMBICON Connectors M
Number of poles 4
Step 5.08 mm
Number of rows 1
Pin Design Linear Pin Arrangement
Number of Solder Pins Per Potential 1
Data Maintenance Status
Article Review 02

Electrical PropertiesNominal Current IN 12 A
Nominal voltage UN 320 V
Contact resistance 1.3 m?
Sizing voltage (III/3) 250 V
Dimensioning transient voltage (III/3) 4 kV
Dimensioning voltage (III/2) 320 V
Dimensioning Transient Voltage (III/2) 4 kV
Nominal voltage (II/2) 400 V
Dimensioning transient voltage (II/2) 4 kV
assemblyType of mounting THR welding/wave welding
Pin Design Linear Pin Arrangement
Processing Instructions
Process Reflow/Wave Soldering
Moisture Sensitive Level MSL 1
Classification Temperature Tc 260 °C
Welding cycles. by reflux 3
Material DataMaterial data - contact
Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface Characteristics Galvanically tinned
Metal surface contact area (top layer) Tin (3 - 5 um Sn)
Metal Surface Contact Area (Middle Layer) Nickel (1.3 - 3 um Ni)
Metal surface weld area (top layer) Tin (3 - 5 um Sn)
Metal Surface Welding Area (Middle Layer) Nickel (1.3 - 3 um Ni)
Material data - housing
Color (Housing) Black (9005)
Insulating material LCP
Insulating material group IIIa
CTI according to IEC 60112 175
Flammability class according to UL 94 V0
NotesData on Welding Pr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CCVA 2,5/ 4-G-5,08 P14CR2THR 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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