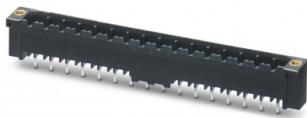


INDUSTRIAL COMPONENT DATA

CCV 2,5/17-GF-LR P20 THR 1837514 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: CCV 2,5/17-GF-LR P20 THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	CCV 2,5/17-GF-LR P20 THR
Catalog number	1837514
Category	Printed circuit board connector
Minimum order	52 Pcs
Document ID	EO-A231738F70
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Printed circuit board base housing, 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 potentials: 17, number of rows: 1, number of poles: 17, number of connections: 17, family of articles: CCV 2.5/..-GF-LR, pitch: 5 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, lock: Snap-in lock, fixing type: Lock & Release air clamping (thread), packaging type: boxed packaging

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: 17, number of rows: 1, number of positions: 17, number of connections: 17, product range: CCV 2,5/..-GF-LR, pitch: 5 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: Lock-and-release locking system, mounting: Lock & release 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 CCV 2,5/..-GF-LR

Product line COMBICON Connectors M

Type Component suitable for through hole reflow

Number of positions 17

Pitch 5 mm

Number of connections 17

Number of rows 1

Number of potentials 17

Mounting flange Lock & release threaded flange

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 02

Electrical propertiesNominal current IN 12 A

Nominal voltage UN 320 V

Contact resistance 1.2 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

Flange

Tightening torque 0.3 Nm

Processing notes

Process Reflow/wave soldering

Moisture Sensitive Level MSL 1

Classification temperature Tc 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 μ m Sn)

Metal surface contact area (middle layer) Nickel (1.3 - 3 μ m Ni)

Metal surface soldering area (top layer) Tin (3 - 5 μ m Sn)

Metal surface soldering area (middle layer) Nickel (1.3 - 3 μ m Ni)

Material data - housing

Color (Housing) black (9005)

Insulating material LCP

Insulating material group IIIa....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CCV 2,5/17-GF-LR P20 THR 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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