

## INDUSTRIAL COMPONENT DATA

# CCVA 2,5/ 6-G P20THRR56 1837297 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: CCVA 2,5/ 6-G P20THRR56



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | CCVA 2,5/ 6-G P20THRR56         |
| Catalog number  | 1837297                         |
| Category        | Printed circuit board connector |
| Minimum order   | 140 Pcs                         |
| Document ID     | EO-08387F4F31                   |
| Generated       | 2026-08-05                      |

### Product Overview

Printed-circuit board connector

Printed circuit board base case, nominal section: 2.5 mm<sup>2</sup>, color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: CCVA 2.5/.. -G, pitch: 5 mm, mounting: Solder 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: without, fixing type: without, packaging type: 56 mm wide strap, Further user information and design recommendations on Through Hole Reflow technology can be found at: Downloads

## 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

Key Commercial Data

Orderkey 1837297

Packing unit 140 pc

Minimum order quantity 140 pc

Note Made to Order (non-returnable)

GTIN 4055626023670

Weight per Piece (excluding packing) 6.180 g

Custom tariff number 85366930

Country of origin DE (Germany)

**Dimensions**

Length [ l ] 8.6 mm

Width 32.8 mm

Pitch 5 mm

Dimension a 25 mm

Width [ w ] 32.8 mm

Height [ h ] 14 mm

Height 12 mm

Length of the solder pin 2 mm

Pin dimensions 1 x 1 mm

Length 8.6 mm

**General**

Range of articles CCVA 2,5/...-G

Insulating material group IIIa

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/2) 320 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 12 A

Maximum load current 12 A (per position)

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 6

Packaging information

Dimensional drawing

Type of packaging 56 mm wide tape

Pieces per package 140

Denomination packing units Pcs.

[W] tape width 56 mm

[A] coil diameter 330 mm

[W2] coil overall dimension 62.4 mm

Outer packaging type Transparent-Bag

Standards and Regulations

Connection in acc. with standard EN-VDE

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 5.0EC002637...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CCVA 2,5/ 6-G P20THRR56 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.