

INDUSTRIAL COMPONENT DATA

ZFKDSA 2,5-5,08-10 GY35 BD10-1 1251533 PHOENIX CONTACT Terminal block for printed circuit board, rated curre..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 2,5-5,08-10 GY35 BD10-1



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDSA 2,5-5,08-10 GY35 BD10-1
Catalog number	1251533
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-100CAB812F
Generated	2026-08-05

Product Overview

Terminal block for printed circuit board, rated current: 24 A, rated voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of rows: 1, number of poles per row: 10, article family: ZFKDS(A) 2.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: light gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed Printed circuit board terminal, rated current: 24 A, sizing voltage (III/2): 400 V, nominal section: 2.5 mm², Number of rows: 1, Number of poles per row: 10, item family: ZFKDS(A) 2.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave welding, connection direction conductor/printed circuit board: 45 °, color: light grey, Pin length [P]: 3.5 mm, packing 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)
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Additional Product Information

ETIM for 1251533 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

17.7 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5.08 mm

Rated current I_n (EF008250)

24 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Spring clamp connection

Connectable conductor cross section solid-core (EF007337)

0.2 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm²

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm²

Connectable conductor cross section multi-wired (EF007343)

4 mm²

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.3 mm

Length pin (EF006825)

3.5 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Grey

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Carton (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 2,5-5,08-10 GY35 BD10-1 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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