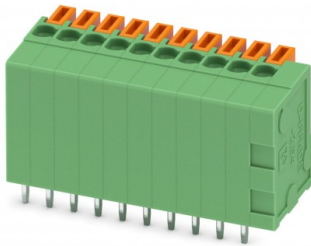


INDUSTRIAL COMPONENT DATA

FFKDSA1/V-2,54-20 BD:20-1SO 1709845 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FFKDSA1/V-2,54-20 BD:20-1SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	FFKDSA1/V-2,54-20 BD:20-1SO
Catalog number	1709845
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-078F2AC1D3
Generated	2026-09-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 6 A, dimensioning voltage (III/2): 160 V, nominal section: 0.5 mm², Number of potentials: 20, Number of rows: 1, Number of poles per row: 20, article family: FFKDS(A) 0,5/..-V, pitch: 2.54 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Linear double pin arrangement, Pin length [P]: 3.4 mm, packaging type: boxed Printed circuit board terminal, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of potentials: 20, number of rows: 1, number of positions per row: 20, product range: FFKDS(A) 0,5/..-V, pitch: 2.54 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green, Pin layout: Linear double pinning, Solder pin [P]: 3.4 mm, number of solder pins per potential: 2, 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 Printed circuit board terminal

Product family FFKDS(A) 0,5/..-V

Product line COMBICON Terminals XS

Number of positions 20

Pitch 2.54 mm

Number of connections 20

Number of rows 1
Number of potentials 20
Pin layout Linear double pinning
Solder pins per potential 2
Data management status
Article revision 00
Electrical propertiesNominal current IN 6 A
Nominal voltage UN 160 V
Rated voltage (III/3) 63 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type PC terminal block can be aligned
Nominal cross section 0.5 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.14 mm² ... 0.5 mm²
Conductor cross section flexible 0.14 mm² ... 0.5 mm²
Conductor cross section AWG 26 ... 20
Stripping length 11 mm
MountingMounting type Wave soldering
Pin layout Linear double pinning
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 terminal point (top layer) Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer) Nickel (2 - 3 µm Ni)
Metal surface soldering area (top layer) Tin (5 - 7 µm Sn)
Metal surface soldering area (middle layer) Nickel (2 - 3 µm Ni)
Material data - housing
Color (Housing) green...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FFKDSA1/V-2,54-20 BD:20-1SO 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

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.