INDUSTRIAL COMPONENT DATA

FKCT 2,5/ 5-ST 1909249 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKCT 2,5/ 5-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKCT 2,5/ 5-ST
Catalog number	1909249
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-9CF2A2FC12
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: FKCT 2.5/.. -ST, pitch: 5mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: boxed
Conductive plate connector, nominal cross-section: 2.5 mm2, colour: green, nominal current: 12 A, reference voltage (III/2): 320 V, contact area: Sn, contact type: Female connector, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, item range: FKCT 2.5/.. -ST, pitch: 5 mm, connection type: Push-in spring connection, conductor/PCB plugging direction: 0°, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2.5, locking: without, fastening type: without, packaging type: packed in a carton

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 1909249
Packing unit 100 pc
Catalog page Page 277 (C-1-2013)
GTIN 4017918188108

Weight per Piece (excluding packing) 8.110 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length [l] 25.6 mm
Width [w] 25.1 mm
Height [h] 15 mm
Pitch 5 mm
Dimension a 20 mm
General
Range of articles FKCT 2,5/..-ST
Number of positions 5
Connection method Push-in spring connection
Insulating material group I
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 320 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 630 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Nominal cross section 2.5 mm²
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Internal cylindrical gage A2
Stripping length 10 mm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 12
2 conductors with same cross section,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKCT 2,5/ 5-ST 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.