INDUSTRIAL COMPONENT DATA

GFKC 2,5/ 6-ST-7,5 1939455 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: GFKC 2,5/ 6-ST-7,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	GFKC 2,5/ 6-ST-7,5
Catalog number	1939455
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-D21FFDBF50
Generated	2026-11-18

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): 630 V, contact surface: Tin, contact type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: GFKC 2.5/.. -ST, pitch: 7.5 mm, connection type: Push-in spring connection, conductor connection direction/printed circuit board: 0°, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging 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)

Additional Product Information

Key Commercial Data
Orderkey 1939455
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 340 (C-1-2013)
GTIN 4017918877569
Weight per Piece (excluding packing) 11.780 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions

Length [l] 25.6 mm
Width [w] 43.2 mm
Height [h] 15 mm
Pitch 7.5 mm
Dimension a 37.5 mm
General
Range of articles GFKC 2,5/..-ST
Number of positions 6
Connection method Push-in spring connection
Insulating material group I
Rated surge voltage (III/3) 6 kV
Rated surge voltage (III/2) 6 kV
Rated surge voltage (II/2) 6 kV
Rated voltage (III/3) 400 V
Rated voltage (III/2) 630 V
Rated voltage (II/2) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Nominal cross section 2.5 mm²
Maximum load current 12 A (with a 2.5 mm² conductor cross section)
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 secti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GFKC 2,5/ 6-ST-7,5 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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