INDUSTRIAL COMPONENT DATA

GFKC 2,5/ 3-ST-7,5 CP1BD:31-34 1709044 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: GFKC 2,5/ 3-ST-7,5 CP1BD:31-34



Manufacturer	PHOENIX CONTACT
MPN / Reference	GFKC 2,5/ 3-ST-7,5 CP1BD:31-34
Catalog number	1709044
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-A1E00BDFB8
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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: 3, number of rows: 1, number of poles: 3, number of connections: 3, 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 1709044
Packing unit 1
GTIN 4055626041032
Custom tariff number 85366990
Item properties
Brief article description Printed-circuit board connector
Plug-in system CLASSIC COMBICON
Type of contact Female connector
Range of articles GFKC 2,5/..-ST

Pitch 7.5 mm
Number of positions 3
Connection method Push-in spring connection
Locking without
Number of levels 1
Electrical parameters
Rated current 12 A
Rated insulation voltage (III/2) 630 V
Rated surge voltage (III/2) 6 kV
Connection capacity
Conductor cross section solid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG / kcmil 24 ... 12
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 mm²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 1.5 mm²
Cylindrical gauge a x b / diameter 2.8 mm x 2.0 mm / 2.3 mm
Stripping length 10 mm
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics hot-dip tin-plated
Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)
Metal surface contact area (top layer) Tin (4 - 8 µm Sn)
Material data - housing
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flamma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GFKC 2,5/ 3-ST-7,5 CP1BD:31-34 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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