INDUSTRIAL COMPONENT DATA

FK-MC 0,5/ 6-ST-2,5 BD:F-A SO 1706540 PHOENIX CONTACT Plug-in part, rated current: 4 A, number of poles: 6, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/ 6-ST-2,5 BD:F-A SO

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MC 0,5/ 6-ST-2,5 BD:F-A SO
Catalog number	1706540
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-E8DF279055
Generated	2026-11-19

Product Overview

Plug-in part, rated current: 4 A, number of poles: 6, pitch: 2.5 mm, connection type: Push-in spring connection, color: green, contact surface: Tin
Connector for printed circuit board, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 160 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: FK-MC 0.5/.. -ST, pitch: 2.5mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON FK-MC 0.5, lock: 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

Plug component, nominal current: 4 A, number of positions: 6, pitch: 2.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin
Your advantages
Time saving push-in connection, tools not requiredDefined contact force ensures that contact remains stable over the long termIntuitive use through colour coded actuation leverOperation and conductor connection from one direction enable integration into front of deviceQuick and convenient testing using integrated test optionKey Commercial Data
Orderkey 1706540
Packing unit 1
GTIN 4046356865388

Custom tariff number 85366990
Electrical parameters
Rated current 4 A
Rated insulation voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Connection capacity
Conductor cross section solid 0.14 mm² ... 0.5 mm²
Conductor cross section flexible 0.14 mm² ... 0.5 mm²
Conductor cross section AWG / kcmil 26 ... 20
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²
Cylindrical gauge a x b / diameter - / 1.4 mm
Stripping length 8 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
Material data - housing
Insulating material PA
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature for the bal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 6-ST-2,5 BD:F-A SO 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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