

INDUSTRIAL COMPONENT DATA

FP 1,27/ 16-MH 1714914 PHOENIX CONTACT SMD male connector, Nominal current at 20 °C: 1.4 A, Test voltage: 50..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FP 1,27/ 16-MH



Manufacturer	PHOENIX CONTACT
MPN / Reference	FP 1,27/ 16-MH
Catalog number	1714914
Category	Printed circuit board connector
Minimum order	560 Pcs
Document ID	EO-E32A35EB9E
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Product Overview

SMD male connector, Nominal current at 20 °C: 1.4 A, Test voltage: 500 V AC, number of positions: 16, pitch: 1.27 mm, color: black, contact surface: Gold, mounting: SMD soldering

SMD blade strip, rated current: 1.4 A, Test voltage: 500 V AC, number of poles: 16, pitch: 1.27 mm, color: black, contact surface: Gold, contact type: Male, mounting: SMD welding

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)
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Additional Product Information

Key Commercial Data

Orderkey 1714914

Packing unit 1 pc

Minimum order quantity 560 pc

GTIN 4055626402925

Weight per Piece (excluding packing) 1.430 g

Custom tariff number 85366930

Country of origin CZ (Czech Republic)

Drawings

Electrical data

Material data - housing

Dimensions for PCB design

Packaging information

Ambient conditions

Air clearances and creepage distances

Environmental Product Compliance

Item properties

Material data - contact

Dimensions for the product

Dimensions for the application

Processing notes

Mechanical tests

Service life

Classifications

Drawings

Diagram

Type: FP 1,27/...-FH with FP 1,27/...-MH

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Brief article description SMD male connectors

Plug-in system FINEPITCH 1,27 mm

Type of contact Male connector

Range of articles FP 1,27/...-MH

Pitch 1.27 mm

Number of positions 16

Mounting type SMD soldering

Pin layout Linear pad geometry

Number of levels 2

Number of potentials 16

[Back to topElectrical data](#)

Nominal current at 20 °C 1.4 A (50-pos.)

Test voltage 500 V AC

Contact resistance $\leq 25 \text{ m}\Omega$, (IEC 60512-2-1:2002-02)

Insulation resistance $\geq 10 \text{ G}\Omega$, (IEC 60512-3-1:2002-02)

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Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Selective coating

Metal surface contact area (top layer) Gold (Au)

Metal surface contact area (middle layer) Nickel (Ni), Palladium nickel (PdNi)

[Back to topMaterial data - housing](#)

Insulating material...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FP 1,27/ 16-MH 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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