INDUSTRIAL COMPONENT DATA

FP 0,8/ 52-FV-SH 7,85 1043684 PHOENIX CONTACT Shielded SMD female connector, Nominal current at 20 °C: 1.7 A..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FP 0,8/ 52-FV-SH 7,85



Manufacturer	PHOENIX CONTACT
MPN / Reference	FP 0,8/ 52-FV-SH 7,85
Catalog number	1043684
Category	Printed circuit board connector
Minimum order	250 Pcs
Document ID	EO-BCE9C57915
Generated	2026-11-19

Product Overview

Shielded SMD female connector, Nominal current at 20 °C: 1.7 A, Test voltage: 500 V AC, number of positions: 52, pitch: 0.8 mm, color: black
Shielded SMD plug pin, rated current: 1.7 A, Test voltage: 500 VAC, number of poles: 52, pitch: 0.8 mm, color: black, surface contacts: Gold, contact type: Female, mounting: SMD solder

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 1043684
Packing unit 1 pc
Minimum order quantity 250 pc
GTIN 4055626608358
Weight per Piece (excluding packing) 3.840 g
Custom tariff number 85366990
Country of origin DE (Germany)
Drawings
Electrical data
Material data - housing
Dimensions for the application

Data transmission
Ambient conditions
Air clearances and creepage distances
Classifications
Item properties
Material data - contact
Dimensions for the product
Packaging information
Processing notes
Mechanical tests
Service life
Drawings
Schematic diagram
Back to topItem properties
Brief article description SMD female connector, shielded
Plug-in system FINEPITCH 0,8 mm shielded
Type of contact Female connector
Electrical characteristic shielded
Range of articles FP 0,8/...-FV-SH 7,85
Pitch 0.8 mm
Number of positions 52
Mounting type SMD soldering
Number of levels 2
Number of potentials 52
Back to topElectrical data
Nominal current at 20 °C 1.7 A (80-pos.)
Test voltage 500 V AC IEC 60512-4-1:2003
Contact resistance <=20 m?, (IEC 60512-2-1:2002-02)
Insulation resistance >= 5 G?, (IEC 60512-3-1:2002-02)
Back to topMaterial data - contact
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),
Metal surface soldering area (top layer) Tin (Sn)
Metal surface soldering area (middle layer) Nickel (Ni)
Ba...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FP 0,8/ 52-FV-SH 7,85 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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