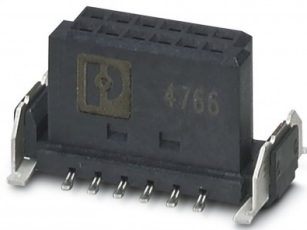


INDUSTRIAL COMPONENT DATA

**FP 1,27/ 68-FV 6,25 1714899 PHOENIX CONTACT Plug, SMD,
rated Current to 20A °C: 1.4 A, test Voltage: 500 V A..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: FP 1,27/ 68-FV 6,25



Manufacturer	PHOENIX CONTACT
MPN / Reference	FP 1,27/ 68-FV 6,25
Catalog number	1714899
Category	Printed circuit board connector
Minimum order	280 Pcs
Document ID	EO-72126EBF4A
Generated	2026-08-06

Product Overview

Plug, SMD, rated Current to 20A °C: 1.4 A, test Voltage: 500 V AC, number of poles: 68, pitch: 1.27 mm, color: black, surface contacts: Gold, assembly: Soldering SMD

SMD plug pin, rated current: 1.4 A, Test voltage: 500 V AC, number of poles: 68, pitch: 1.27 mm, color: black, contact surface: Gold, contact type: Female connection, mounting: SMD welding

SMD socket, rated current: 1.4 A, Test voltage: 500 V AC, number of poles: 68, pitch: 1.27 mm, colour: black, contact surface: Au, contact connection type: Female, mounting: SMD soldering

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

Technical dataArticle featuresProduct Type SMD Socket

Product Family FR 1.27/...-FV 6.25

Number of poles 68

Step 1.27 mm

Number of rows 2

Number of potentials 68

Pin Layout Linear Pad Geometry

Data maintenance status

Article review 00

Electrical characteristicsRated Current IN 1.4 A IEC 60512-5-2:2002-02 (at 20 °C at 50 poles)

Mass Resistivity 25 m?

Test voltage 500 V AC IEC 60512-4-1:2003

MontageMounting type SMD Soldering

Pin Layout Linear Pad Geometry

Processing Instructions

Process Reflow soldering

Moisture Sensitive Level MSL 1

Classification Temperature Tc 260 °C

Material informationMaterial information - contacts

note Complies with WEEE/RoHS, no thread-like materials according to IEC 60068-2-82/JEDEC JESD 201

Contact Material Cu Alloy

Surface Finish Selective Coating

Metal surface contact zone (surface layer) Gold (Au)

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

Metal Surface Welding Area (Surface Layer) Pond (Sn)

Material information - case

Color (Case) Black (9005)

Insulation material LCP

Insulation Material Group IIIb

CTI according to IEC 60112 175

Combustibility class according to UL 94 V0

NotesNote for Operation The permissible voltage during operation is deduced according to the application by considering creepage and creepage distances within the scope of the insulation requirements according to IEC 60664-1.

dimensionsDimensioned Drawing

Step 1.27 mm

Width [w] 48.27 mm

Height [h] 6.95 mm

Length [l] 7.2 mm

Installation Height 6...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FP 1,27/ 68-FV 6,25 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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