

INDUSTRIAL COMPONENT DATA

**FR 1,27/100-FH 1337021 PHOENIX CONTACT SMD plug pin,
rated current: 2.2 A, Test voltage: 500 V AC, number of..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: FR 1,27/100-FH



Manufacturer	PHOENIX CONTACT
MPN / Reference	FR 1,27/100-FH
Catalog number	1337021
Category	Printed circuit board connector
Minimum order	560 Pcs
Document ID	EO-15D9207E7C
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Product Overview

SMD plug pin, rated current: 2.2 A, Test voltage: 500 V AC, number of poles: 100, pitch: 1.27 mm, color: black, contact surface: Au, contact connection type: Female, mounting: SMD welding

SMD plug plug, rated current: 2.2 A, test voltage: 500 VAC, number of poles: 100, pitch: 1.27 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)
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Additional Product Information

Technical dataArticle featuresProduct Type SMD Socket

Product Family FR 1.27/.. -FH

No. of poles 100

Step 1.27 mm

Number of rows 2

Pin Layout Linear Pad Geometry

Electrical characteristicsRated Current IN 2.2 A IEC 60512-5-2:2002-02 (at 20 °C at 100 poles)

Degree of pollution 3

Mass Resistivity 10 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

Reflow Soldering Cycles 3

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)

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

Metal Surface Weld Area (Middle Layer) Nickel (Ni)

Material information - case

Color (Case) Black (9005)

Insulation material LCP

Insulation Material Group IIIb

CTI according to IEC 60112 150

Combustibility class according to UL 94 V0

Connection dataConductor cross-section AWG (converted according to IEC)

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

Wid...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FR 1,27/100-FH with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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