

INDUSTRIAL COMPONENT DATA

FR 1,27/ 80-FV 6,25 1374036 PHOENIX CONTACT SMD plug pin, rated current: 2.2 A, Test voltage: 840 V AC, numb..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FR 1,27/ 80-FV 6,25



Manufacturer	PHOENIX CONTACT
MPN / Reference	FR 1,27/ 80-FV 6,25
Catalog number	1374036
Category	Printed circuit board connector
Minimum order	280 Pcs
Document ID	EO-248C59F456
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Product Overview

SMD plug pin, rated current: 2.2 A, Test voltage: 840 V AC, number of poles: 80, 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: 840 VAC, number of poles: 80, pitch: 1.27 mm, color: black, surface contacts: Gold, contact type: Female, mounting: SMD solder

SMD Female Connector, Rated Current: 2.2 A, Test Voltage: 840 V AC, Number of Poles: 80, Pitch: 1.27 mm, Colour: Black, Contact Surface: Gold, Contact Type: Female Connector, Mounting: SMD Crimping

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 characteristicsProduct PropertiesProduct Type SMD Female Connector

Product range FR 1,27/.. -FV 6.25

Number of poles 80

Steps 1.27 mm

Number of rows 2

Pinout plot Linear Pad Geometry

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

Degree of pollution 3

Contact resistance 10 m?

Test voltage 840 V AC IEC 60512-4-1:2003

MountingMounting Type SMD crimping

Pinout plot Linear Pad Geometry

Treatment advice

Process Reflow Soldering

Moisture Sensitive Level MSL 1

Temperature classification Tc 260 °C

Reflow Soldering Cycles 3

Material GuidanceMaterial indication - contact

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

Contact material Cu Alloy

Surface quality Selective coating

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

Metal surface, contact area (middle layer) Nickel (Ni)

Metal surface, welding area (top layer) Pewter (Sn)

Metal surface, welding area (middle layer) Nickel (Ni)

Material indication - housing

Colors (Cases) Black (9005)

Insulating material LCP

Insulation Group IIIb

CRI according to IEC 60112 150

Flammability class according to UL 94 V0

Connection featuresAWG conductor section (conversion to IEC)

NotesOperating Information The permissible voltage in service is determined according to the application taking into account the distances in the air and creepage lines within the insulation requirements according to IEC 60664-1.

DimensionsDimensioned drawing

Steps 1.27 mm

Width [w] 56.4...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FR 1,27/ 80-FV 6,25 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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