

INDUSTRIAL COMPONENT DATA

FR 1,27/ 80-FH 1337020 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/ 80-FH



Manufacturer	PHOENIX CONTACT
MPN / Reference	FR 1,27/ 80-FH
Catalog number	1337020
Category	Printed circuit board connector
Minimum order	560 Pcs
Document ID	EO-1C04632C08
Generated	2026-08-06

Product Overview

SMD plug pin, rated current: 2.2 A, Test voltage: 500 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: 500 VAC, number of poles: 80, 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)
--------------	--

Additional Product Information

Technical dataItem PropertiesProduct Type SMD plug plug

Product Family FR 1,27/.. -FH

Number of poles 80

Step 1.27 mm

Number of rows 2

Pin Design Linear pad geometry

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

Degree of pollution 3

Contact resistance 10 mΩ

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

assemblyType of mounting SMD Welding

Pin Design Linear pad geometry

Processing Instructions

Process Reflow soldering

Moisture Sensitive Level MSL 1

Classification Temperature Tc 260 °C

Welding cycles. by reflux 3

Material DataMaterial data - contact

Observation WEEE/RoHS compliant, filament-free 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 weld area (top layer) Tin (Sn)

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

Material data - housing

Color (Housing) Black (9005)

Insulating material LCP

Insulating material group IIIb

CTI according to IEC 60112 150

Flammability class according to UL 94 V0

Connection dataAWG Conductor Section (Converted according to IEC)

NotesObservation regarding the operation The additional operating stress is obtained depending on the application by taking into account the leakage lines and insulation distances in air within the framework of the insulation requirements according to IEC 60664-1.

DimensionsDimension Scheme

Step 1.2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FR 1,27/ 80-FH 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.