INDUSTRIAL COMPONENT DATA

FP 1,27/ 50-FWL 1714909 PHOENIX CONTACT Plug, IDC, rated Current to 20A °C: 1.2 A, test Voltage: 500 V AC, n..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FP 1,27/ 50-FWL



Manufacturer	PHOENIX CONTACT
MPN / Reference	FP 1,27/ 50-FWL
Catalog number	1714909
Category	Printed circuit board connector
Minimum order	160 Pcs
Document ID	EO-6AF1FD064F
Generated	2026-11-19

Product Overview

Plug, IDC, rated Current to 20A °C: 1.2 A, test Voltage: 500 V AC, number of poles: 50, step: 1.27 mm, color: black, surface contacts: Gold
IDC plug plug, rated current: 1.2 A, Test voltage: 500 V AC, number of poles: 50, pitch: 1.27 mm, number of rows: 1, color: black, contact surface: Gold, contact type: Female connection, You will find pre-made samples in the "Accessories" tab.
IDC plug plug, rated current: 1.2 A, Test voltage: 500 V AC, number of poles: 50, pitch: 1.27 mm, color: black, contact surface: Au, type of contact connection: Female, You will find pre-made samples in the "Accessories" tab.

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 dataNotesA note on the application Please note the indication for use for your own clothing in the unloading area.
Note on documentation Current documents such as 3D models, product family diagrams, data sheets or packaging diagrams are available in the Download Center.
Observation 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.
Item PropertiesProduct Type IDC plug plug
Product Family FR 1,27/...-FWL
Number of poles 50
Step 1.27 mm

Number of rows 2
Number of potentials 50
Data Maintenance Status
Article Review 01
Electrical PropertiesNominal Current IN 1.2 A IEC 60512-5-2:2002-02 (at 20 °C 50 poles)
Contact resistance 10 m?
Test voltage 500 V AC IEC 60512-4-1:2003
Connection dataConnecting Conductors
Connection type Scroll connection
AWG Conductor Section 30
Blockade
Locking system Lace lock
Clamping flange Locking trigger
DimensionsStep 1.27 mm
Width [w] 37.91 mm
Height [h] 4.2 mm
Length [l] 13.65 mm
application
Shifting the Center ± 0.7 mm on longitudinal and transverse axis
Angular Tolerance ± 4° on longitudinal axis
± 2° in transverse axis
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 la...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FP 1,27/ 50-FWL 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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