INDUSTRIAL COMPONENT DATA

FP 1,27/ 16-FWL 1714903 PHOENIX CONTACT IDC female connector, Nominal current at 20 °C: 1.2 A, Test voltage:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FP 1,27/ 16-FWL



Manufacturer	PHOENIX CONTACT
MPN / Reference	FP 1,27/ 16-FWL
Catalog number	1714903
Category	Printed circuit board connector
Minimum order	400 Pcs
Document ID	EO-47DF0CAF04
Generated	2026-11-19

Product Overview

IDC female connector, Nominal current at 20 °C: 1.2 A, Test voltage: 500 V AC, number of positions: 16, pitch: 1.27 mm, color: black, contact surface: Gold
IDC plug pin, rated current: 1.2 A, Test voltage: 500 V AC, number of poles: 16, 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 female connector, nominal current: 1.2 A, Test voltage: 500 V AC, number of positions: 16, pitch: 1.27 mm, color: black, contact surface: Au, contact connection type: Socket, For preassembled samples, see 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 dataNotesNote on application Please observe the application note on self-assembly in the download area.
Note regarding documentation Current documents such as 3D models, products family drawings, data sheets or packaging drawings are available in the Download Center.
Notes on operation The permissible voltage during operation depends on the application, taking into consideration the air clearances and creepage distances within the scope of insulation requirements in accordance with IEC 60664-1.
Product propertiesProduct type IDC female connector
Product family FR 1,27/...-FWL
Number of positions 16
Pitch 1.27 mm
Number of rows 2

Number of potentials 16
Data management status
Article revision 01
Electrical propertiesNominal current IN 1.2 A IEC 60512-5-2:2002-02 (at 20°C 50-pos.)
Contact resistance 10 m?
Test voltage 500 V AC IEC 60512-4-1:2003
Connection dataConductor connection
Connection method Displacement connection
Conductor cross section AWG 30
Interlock
Locking type Snap-in locking
Mounting flange Latching flange
DimensionsPitch 1.27 mm
Width [w] 16.32 mm
Height [h] 4.2 mm
Length [l] 13.65 mm
Application
Center offset ± 0.7 mm in longitudinal and transverse direction
Angular tolerance ± 4 ° in longitudinal direction
± 2 ° in transverse direction
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Selective coating
Metal surface c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FP 1,27/ 16-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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