

INDUSTRIAL COMPONENT DATA

PCV 6-16/ 5-G1F-10,16 CP3 1277084 PHOENIX CONTACT

Printed circuit board base housing, nominal section: 16 mm..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PCV 6-16/ 5-G1F-10,16 CP3



Manufacturer	PHOENIX CONTACT
MPN / Reference	PCV 6-16/ 5-G1F-10,16 CP3
Catalog number	1277084
Category	Printed circuit board connector
Minimum order	1000 Pcs
Document ID	EO-6EC3217004
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Product Overview

Printed circuit board base housing, nominal section: 16 mm², color: green, nominal current: 76 A (41 A in combination with PC 6 connector), nominal voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Male, number of rows: 1, number of poles: 5, article family: PCV 6-16/.. -G1F, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 16, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed

Base housing printed circuit board, nominal section: 16 mm², color: green, rated current: 76 A (41 A in combination with PC 6 connector), sizing voltage (III/2): 1000 V, surface contacts: silver, contact type: Male, Number of rows: 1, Number of poles per row: 5, item family: PCV 6-16/.. -G1F, pitch: 10.16 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, plug-in system: POWER COMBICON 16, Plug-in face orientation: Standard, Locking: Screw lock, fixing type: Aerial fastening (thread), packaging type: boxed packaging: Standard, Locking: Screw lock, fastening type: Aerial fastening (thread), packaging type: boxed

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

ETIM for 1277084 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)
Pin
Number of plug-in contact rows (EF006935)
1
Modular spacing contacts (EF007326)
10.16 mm
Modular spacing connections (EF006827)
10.16 mm
Rated current I_n (EF008250)
76 A
Rated voltage (EF000228)
1000 V
Rated surge voltage (EF002993)
8 kV
Over voltage category (EF006785)
III
Pollution degree (EF006786)
2
Material of contact surface (EF004020)
Silver
Type of electric connection (EF003961)
Other
Diameter connection pin (EF006823)
1.7 mm
Length pin (EF006825)
4 mm
Material insulation body (EF007543)
Other
Housing colour (EF000136)
Green
Inflammability class of insulation material according to UL94 (EF002521)
V0
Operating temperature (EF002393)
-40 °C
Type of fastening (EF002442)
Other
Type of banding (EF007011)
Carton (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCV 6-16/ 5-G1F-10,16 CP3 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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