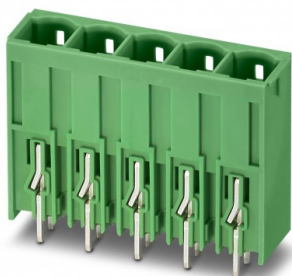


INDUSTRIAL COMPONENT DATA

PCV 6-16/ 8-G1-10,16GYNZ200E P1 1742583 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PCV 6-16/ 8-G1-10,16GYNZ200E P1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PCV 6-16/ 8-G1-10,16GYNZ200E P1
Catalog number	1742583
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-F8B594870B
Generated	2026-08-06

Product Overview

PCV 6-16/ 8-G1-10,16GYNZ200E P1 1742583 PHOENIX CONTACT Printed-circuit board connector

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connector model (EF007495)	Fixed connector
Contact type (EF001587)	Pin
Number of poles (EF001391)	8
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

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Material insulation body (EF007543)	Other
Housing colour (EF000136)	Grey
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)

Classification & Catalog Path

eCl@ss 7.1	21043711
eCl@ss 8.0	21043711
eCl@ss 9.0	21043711
ETIM 5.0	EC002246
ETIM 6.0	EC002246
ETIM 7.0	EC002246
Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Printed-circuit board connector

Printed circuit board base housing, nominal section: 16 mm², color: gray, nominal current: 76 A (41 A in combination with PC 6 connector), nominal voltage (III/2): 1000 V, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, article family: PCV 6-16/.. -G1, 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, lock: without, fixing type: without, packaging type: boxed

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCV 6-16/ 8-G1-10,16GYNZ200E P1 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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