INDUSTRIAL COMPONENT DATA

PCV 6-16/ 6-G1-10,16 GY 1793105 PHOENIX CONTACT Housing base for printed circuit board, nominal current: 76 ..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PCV 6-16/ 6-G1-10,16 GY
Catalog number	1793105
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-1D1EDC13E6
Generated	2026-11-19

Product Overview

PCV 6-16/ 6-G1-10,16 GY 1793105 PHOENIX CONTACT Housing base for printed circuit board, nominal current: 76 ..

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connector model (EF007495)	**Fixed connector**
Contact type (EF001587)	**Pin**
Number of poles (EF001391)	**6**
Number of plug-in contact rows (EF006935)	**1**
Modular spacing contacts (EF007326)	**10.16 mm**
Modular spacing connections (EF006827)	**10.16 mm**
Rated current In (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

Catalog path	**PHOENIX CONTACT > PCB Connectors (PCC)**

Additional Product Information

Housing base for printed circuit board, nominal current: 76 A, number of poles: 6, pitch: 10,16 mm, color: gray, surface of contacts: silver, assembly: wave Soldering
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 surface: silver, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: 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/ 6-G1-10,16 GY 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.