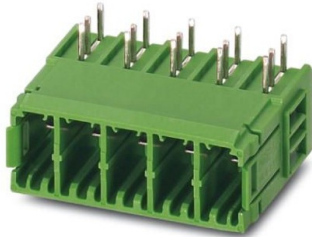


INDUSTRIAL COMPONENT DATA

PC 5/ 6-GU-7,62 BK 1763850 PHOENIX CONTACT Header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 6-GU-7,62 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 6-GU-7,62 BK
Catalog number	1763850
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-EB4A4340CA
Generated	2026-08-04

Product Overview

Header

Printed circuit board base case, nominal section: 6 mm², color: black, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 6, family of items: PC 5/.. -GU, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4.2 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Plug-in face orientation: inverted, locking: without, fixing type: without, 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

Key Commercial Data

Orderkey 1763850

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4046356412117

Weight per Piece (excluding packing) 12.160 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [L] 29.25 mm

Width 48.52 mm

Pitch 7.62 mm

Dimension a 38.1 mm

Width [w] 48.52 mm

Height [h] 17.74 mm

Height 13.54 mm

Length of the solder pin 4.2 mm

Pin spacing 7.62 mm

Length 29.25 mm

General

Range of articles PC 5/-GU

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 630 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 800 V

Connection in acc. with standard EN-VDE

Nominal current IN 41 A

Maximum load current 41 A

Insulating material PA

Flammability rating according to UL 94 V0

Color black

Number of positions 6

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss
7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

ETIM for 1763850 Connectors (EC002637)

Feature Name

Feature Va...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 6-GU-7,62 BK 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.