INDUSTRIAL COMPONENT DATA

GIC 2,5/ 8-G-7,62 1828731 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: GIC 2,5/ 8-G-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	GIC 2,5/ 8-G-7,62
Catalog number	1828731
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-203988E97A
Generated	2026-11-18

Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: GIC 2.5/.. -G, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 2, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed
PCB header, nominal cross-section: 2.5 mm2, colour: green, nominal current: 12 A, reference voltage (III/2): 630 V, contact area: Sn, contact type: Female connector, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, range of articles: GIC 2.5/.. -G, pitch: 7.62 mm, mounting: Wave welding, spindle plane: Linear pinout, spindle length [P]: 3.5 mm, number of pins per potential: 2, Plug-in system: COMBICON MSTB 2.5, Orientation of the plug-in pattern: Standard, Locking: without, Fastening type: without, Packaging type: packed in a carton

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 1828731
Packing unit 50 pc
Minimum order quantity 50 pc
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GTIN 4017918050641
Weight per Piece (excluding packing) 7.430 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions
Length [l] 19 mm
Width 60.86 mm
Pitch 7.62 mm
Dimension a 53.34 mm
Width [w] 60.86 mm
Height [h] 13.7 mm
Height 10.2 mm
Length of the solder pin 3.5 mm
Pin dimensions 0.48 x 1.14 mm
Pin spacing 5.08 mm
Length 19 mm
General
Range of articles GIC 2,5/..-G
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) 500 V
Rated voltage (III/2) 630 V
Rated voltage (II/2) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Color green
Number of positions 8
Standards and Regulations
Connection in acc. with standard EN-VDE
CSA
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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GIC 2,5/ 8-G-7,62 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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