INDUSTRIAL COMPONENT DATA

SMC 1,5/ 5-G-3,81 HT BK 1743278 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMC 1,5/ 5-G-3,81 HT BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMC 1,5/ 5-G-3,81 HT BK
Catalog number	1743278
Category	Printed circuit board connector
Minimum order	250 Pcs
Document ID	EO-76689D4BA9
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Printed circuit board base case, nominal section: 1.5 mm², color: black, contact surface: Tin, contact type: Male, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of items: SMC 1.5/.. -G-HT, pitch: 3.81 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed
PCB base socket, nominal cross-section: 1.5 mm2, colour: black, contact surface: Sn, contact connection type: plug, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, product series: SMC 1.5/.. -G-HT, pitch: 3.81 mm, mounting: TTHR / wave soldering, pin layout: Linear pinning, pin length [P]: 3.4 mm, number of solder pins per potential: 1, plug system: COMBICON MC 1.5, Insertion pin orientation: Standard, locking: none, fastening type: none, packaging type: packed in 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 1743278
Packing unit 250 pc
GTIN 4046356301763
Weight per Piece (excluding packing) 1.940 g

Custom tariff number 85366930
Country of origin DE (Germany)
Item properties
Brief article description Feed-through header
Plug-in system MINI COMBICON
Type of contact Male connector
Range of articles SMC 1,5/..-G-HT
Pitch 3.81 mm
Number of positions 5
Mounting type Wave soldering
Number of levels 1
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Tin-plated
Metal surface contact area (top layer) Tin (3 - 5 µm Sn)
Metal surface contact area (middle layer) Nickel (1.3 - 3 µm Ni)
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)
Material data - housing
Insulating material PA
CTI according to IEC 60112
Flammability rating according to UL 94 V0
Dimensions for the product
Pitch 3.81 mm
Packaging information
Type of packaging packed in cardboard
Pieces per package 250
Denomination packing units Pcs.
Outer packaging type Dry bag
Standards and Regulations
Connection in acc. with standard CUL
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@s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMC 1,5/ 5-G-3,81 HT 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.