

INDUSTRIAL COMPONENT DATA

MCV 1,5/ 6-G-3,81 BD2:1-6 1005169 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 6-G-3,81 BD2:1-6



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 6-G-3,81 BD2:1-6
Catalog number	1005169
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-0721613DA4
Generated	2026-08-03

Product Overview

MCV 1,5/ 6-G-3,81 BD2:1-6 1005169 PHOENIX CONTACT Feed-through header

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)	3.81 mm
Modular spacing connections (EF006827)	3.81 mm
Rated current I _n (EF008250)	8 A
Rated voltage (EF000228)	160 V
Rated surge voltage (EF002993)	2.5 kV
Over voltage category (EF006785)	III
Pollution degree (EF006786)	2
Material of contact surface (EF004020)	Tin
Type of electric connection (EF003961)	Other
Diameter connection pin (EF006823)	1.2 mm
Length pin (EF006825)	3.4 mm

CONTINUED**Technical Specifications**

TECHNICAL ATTRIBUTE	VALUE
Material insulation body (EF007543)	Other
Housing colour (EF000136)	Green
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**Feed-through header**

Printed circuit board base housing, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Sn, contact connection type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: MCV 1.5/.. -G, pitch: 3.81 mm, mounting: Wave soldering, 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, locking: without, clamping type: without, packaging type: boxed

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 6-G-3,81 BD2:1-6 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.