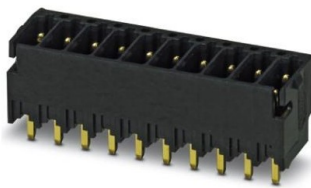


INDUSTRIAL COMPONENT DATA

DMCV 0,5/ 7-G1-2,54 P20THR R44 1844921 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMCV 0,5/ 7-G1-2,54 P20THR R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMCV 0,5/ 7-G1-2,54 P20THR R44
Catalog number	1844921
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-FB7AEE03B4
Generated	2026-08-04

Product Overview

DMCV 0,5/ 7-G1-2,54 P20THR R44 1844921 PHOENIX CONTACT Printed-circuit board connector

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connector model (EF007495)	Fixed connector
Contact type (EF001587)	Pin
Number of poles (EF001391)	14
Number of plug-in contact rows (EF006935)	2
Modular spacing contacts (EF007326)	2.54 mm
Modular spacing connections (EF006827)	2.54 mm
Rated current I _n (EF008250)	6 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)	Gold
Type of electric connection (EF003961)	Other
Diameter connection pin (EF006823)	1.2 mm
Length pin (EF006825)	2 mm

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Material insulation body (EF007543)	Other
Housing colour (EF000136)	Black
Inflammability class of insulation material according to UL94 (EF002521)	V0
Operating temperature (EF002393)	-40 °C
Type of fastening (EF002442)	Other
Type of banding (EF007011)	Other

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

Printed-circuit board connector

Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 14, number of rows: 2, number of poles: 7, number of connections: 14, family of articles: DMCV 0.5/.. -G1-THR, pitch: 2.54 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON DFMC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packing type: 44 mm wide strap, Sample quantities available under SAMPLE DMC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMCV 0,5/ 7-G1-2,54 P20THR R44 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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