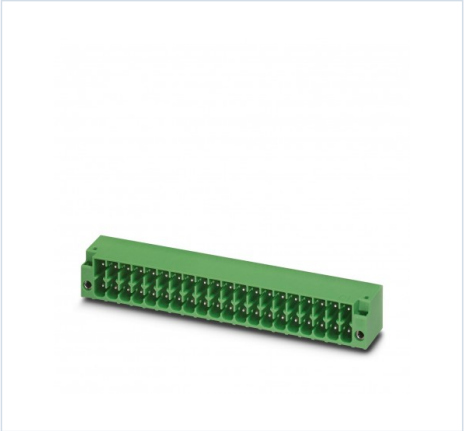
INDUSTRIAL COMPONENT DATA

DMC 1,5/ 8-G1F-3,5-LR P35 1053871 PHOENIX CONTACT Housing base for printed circuit board, nominal current: 8..

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/ 8-G1F-3,5-LR P35



Manufacturer	PHOENIX CONTACT
MPN / Reference	DMC 1,5/ 8-G1F-3,5-LR P35
Catalog number	1053871
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-75B3D487C1
Generated	2026-11-18

Product Overview

Housing base for printed circuit board, nominal current: 8 A, voltage and sizing (III/2): 160 V, number of poles: 8, pitch: 3.5 mm, color: green, surface of contact: Tin, assembly: wave Soldering
Printed circuit board base case, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 16, number of rows: 2, number of poles: 8, number of connections: 16, family of articles: DMC 1.5/.. -G1F, pitch: 3.5 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON DFMC 1.5, Plug-in face orientation: Standard, lock: Snap-in lock, fixing type: Lock & Release air clamping (thread), packaging type: boxed PCB headers, nominal cross section: 1.5 mm2, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of potentials: 16, number of rows: 2, number of positions: 8, number of connections: 16, product range: DMC 1,5/..-G1F, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON DFMC 1,5, Pin connector pattern alignment: Standard, locking: Lock-and-release locking system, mounting: Lock & release threaded flange, type of packa...

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

Technical dataProduct propertiesProduct type PCB headers
Product family DMC 1,5/..-G1F
Product line COMBICON Connectors S
Number of positions 8

Pitch 3.5 mm
Number of connections 16
Number of rows 2
Number of potentials 16
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 00
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Contact resistance 3 m?
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 250 V
Rated surge voltage (II/2) 2.5 kV
MountingMounting type Wave soldering
Pin layout Linear pinning
Flange
Tightening torque 0.2 Nm
Material specificationsMaterial 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 (4 - 8 µm Sn)
Metal surface contact area (middle layer) Nickel (1.5 - 4 µm Ni)
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.5 - 4 µm Ni)
Material data - housing
Color (Housing) green (6021)
Insulating material PBT
Insulating material group IIIa
CTI according to IEC 60112 225
Flammability rating according to UL 94 V0
DimensionsDimensional drawing
Pitch 3.5 mm
Width [w] 35 mm
Height [h] 14.3 mm
Length [l] 11.6 mm
Installed height 10.8 mm
Solder pin length [P] 3.5 mm
Pin dimensions 0.8 x 0.8 mm
PC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/ 8-G1F-3,5-LR P35 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.