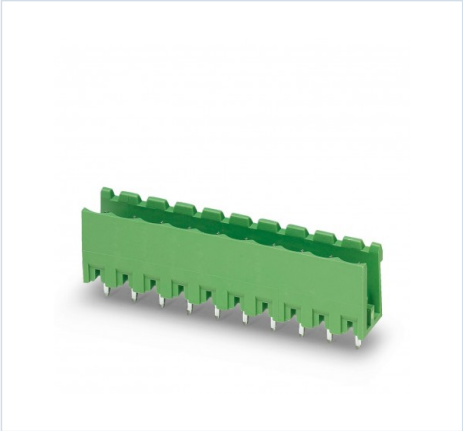
INDUSTRIAL COMPONENT DATA

MSTBV 2,5/19-G BK 1755419 PHOENIX CONTACT Housing base for printed circuit board, nominal current: 12 A, num..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBV 2,5/19-G BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBV 2,5/19-G BK
Catalog number	1755419
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-C6C8C3D398
Generated	2026-11-19

Product Overview

Housing base for printed circuit board, nominal current: 12 A, number of poles: 19, pitch: 5 mm, color: black, surface of contact: Tin, assembly: wave Soldering
Printed circuit board base housing, nominal section: 2.5 mm², color: black, nominal current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Tin, contact type: Male, Number of potentials: 19, Number of rows: 1, Number of poles per row: 19, number of connections: 19, family of articles: MSTBV 2.5/.. -G, pitch: 5 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.9 mm, Stecksystem: CLASSIC COMBICON, Locking: without, packaging type: boxed
PCB socket, nominal cross-section: 2.5 mm2, colour: black, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: plug, number of potentials: 19, number of rows: 1, number of poles: 19, number of connections: 19, product series: MSTBV 2.5/.. -G, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, pin length [P]: 3.9 mm, number of solder pins per potential: 1, plug system: COMBICON MSTB 2.5, Insertion pin orientation: Standard, locking: none, fixing 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

Technical dataArticle featuresProduct Type Basic socket for printed circuit boards
Product Family MSTBV 2.5/.. -G
Product Line COMBICON Connectors M
Number of poles 19

Step 5 mm
Number of connections 19
Number of rows 1
Number of potentials 19
Fixing flange absent
Pin Layout Linear Pinning
Number of Welding Pins per Potential 1
Data maintenance status
Article review 01
Electrical characteristicsRated Current IN 12 A
Rated voltage UN 320 V
Mass Resistivity 2.1 m?
Sizing voltage (III/3) 250 V
Sizing impulse voltage (III/3) 4 kV
Sizing voltage (III/2) 320 V
Sizing Impulse Voltage (III/2) 4 kV
Sizing voltage (II/2) 400 V
Sizing Impulse Voltage (II/2) 4 kV
MontageMounting type Wave Soldering
Pin Layout Linear Pinning
Material informationMaterial information - contacts
note Complies with WEEE/RoHS, no thread-like materials according to IEC 60068-2-82/JEDEC JESD 201
Contact Material Cu Alloy
Surface Finish Galvanic tin plating
Metal surface contact zone (surface layer) Tin (3 - 5 um Sn)
Metal surface contact area (middle layer) Nickel (1.3 - 3 um Ni)
Metal Surface Welding Area (Surface Layer) Tin (3 - 5 um Sn)
Metal Surface Weld Area (Middle Layer) Nickel (1.3 - 3 um Ni)
Material information - case
Color (Case) Black (9005)
Insulation material PBT
Insulation Material Group IIIa
CTI according to IEC 60112 225
Combustibility class according to UL 94 V0
NotesNote for Operation According to DIN EN 61984, COMBICON connectors are connectors without switchable power (COC). For use in acco...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBV 2,5/19-G 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.