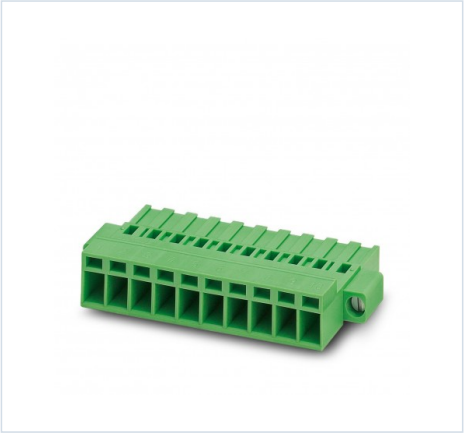
INDUSTRIAL COMPONENT DATA

MSTBC 2,5/16-STZF-5,08GY35BD16 1086092 PHOENIX CONTACT Connector for printed circuit board, number of poles:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBC 2,5/16-STZF-5,08GY35BD16



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBC 2,5/16-STZF-5,08GY35BD16
Catalog number	1086092
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-7CFFF45D49
Generated	2026-11-19

Product Overview

Connector for printed circuit board, number of poles: 16, pitch: 5,08 mm, color: light grey
Connector for printed circuit board, nominal section: 2.5 mm², color: luminous gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Female, number of rows: 1, number of poles: 16, article family: MSTBC 2.5/.. -STZF, pitch: 5.08 mm, connection type: Crimped connection, screw clamping form: L Longitudinal groove, conductor/printed circuit board connection direction: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed
PCB connector, nominal cross-section: 2.5 mm2, colour: light grey, rated current: 12 A, rated voltage (III/2): 320 V, contact type: socket, number of rows: 1, number of poles: 16, article family: MSTBC 2.5/.. -STZF, pitch: 5.08 mm, connection type: crimp connection, screw attack shape: L longitudinal slot, connection direction conductor/board: 0 °, locking hook: - without locking hook, plug-in system: COMBICON MSTB 2.5, locking: screw lock, mounting type: screw flange, 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 dataItem propertiesProduct Type PCB Connectors
Product family MSTBC 2.5/.. -STZF
Product Line COMBICON Connectors M

Number of poles 16
Grid dimension 5.08 mm
Number of rows 1
Data maintenance status
Article revision 01
Electrical propertiesNominal current IN 12 A
Rated voltage UN 320 V
Rated voltage (III/3) 320 V
Rated Surge Voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated Surge Voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated Surge Voltage (II/2) 4 kV
Connection dataConnection technology
Design Standard
Connector system COMBICON MSTB 2.5
Nominal cross-section 2.5 mm²
Contact type Socket
Locking
Lock type Screw lock
Mounting Flange Screw flange
Tightening torque 0.3 Nm
Conductor connection
Connection type Crimp Connector
Connection direction conductor/circuit board 0 °
Flexible conductor cross-section 0.5 mm² ... 2.5 mm²
Conductor cross-section AWG 20 ... 14
Drive Form Screw Head Longitudinal slot (L)
Material specificationsMaterial information - Contact
Metal Surface Contact Area (Top Layer) Tin (Sn)
Material specifications - Housing
Color (Housing) Light Grey (7035)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability class according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature of the ball pressure test according to EN 60695-10-2 125 °C
DimensionsDimensional drawing
Grid dimension 5.08 mm
Width [w] 91....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBC 2,5/16-STZF-5,08GY35BD16 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.