Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



The illustration shows a 15-position version

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

Product Features

- For conductor cross sections from 0.5 to 1.0 mm² (20 - 18 AWG) and currents up to 10 A

Key commercial data

package_quantity	50
GTIN	4017918047641

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	5.08 mm

General

Range of articles	MSTBC 2,5/..-STZ
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	2

Connection data

Conductor cross section stranded min.	0.5 mm²

Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501

Technical data

Connection data

Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	14
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	14

classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEE CB Scheme / CCA / cULus Recognized /

Approval details

CSA

Nominal voltage UN	300 V
Nominal current IN	10 A
mm²/AWG/kcmil	20-14

Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501

approvals

UL Recognized

Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	20-14	20-14

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	250 V
Nominal current IN	10 A
mm²/AWG/kcmil	0.5-1

cUL Recognized

Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	20-14	20-14

IECEE CB Scheme

Nominal voltage UN	250 V
Nominal current IN	10 A
mm²/AWG/kcmil	0.5-1

CCA

Nominal voltage UN	250 V
Nominal current IN	10 A
mm²/AWG/kcmil	0.5-1

cULus Recognized

Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501

accessories

Crimp contact

MSTBC-MT 0,5-1,0 - 3190564



MSTBC-MT 0,5-1,0 BA - 3190645



MSTBC-MT 1,5-2,5 - 3190551



MSTBC-MT 1,5-2,5 BA - 3190658



Crimping tool

CRIMPFOX MT 2,5 - 1204038



Screwdriver tools

Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501

accessories

SZS 0,4X2,5 VDE - 1205037



Labeled terminal marker

SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Coding element

CP-MSTB - 1734634



accessories

STZ 2-MSTBC-5,08 - 1810529



STZ 4-MSTBC-5,08 - 1810532

Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501

accessories

STZ 8-MSTBC-5,08 - 1810516

STZ 12-MSTBC-5,08 - 1810503

MSTBC-MT 0,2-0,5 - 1879531



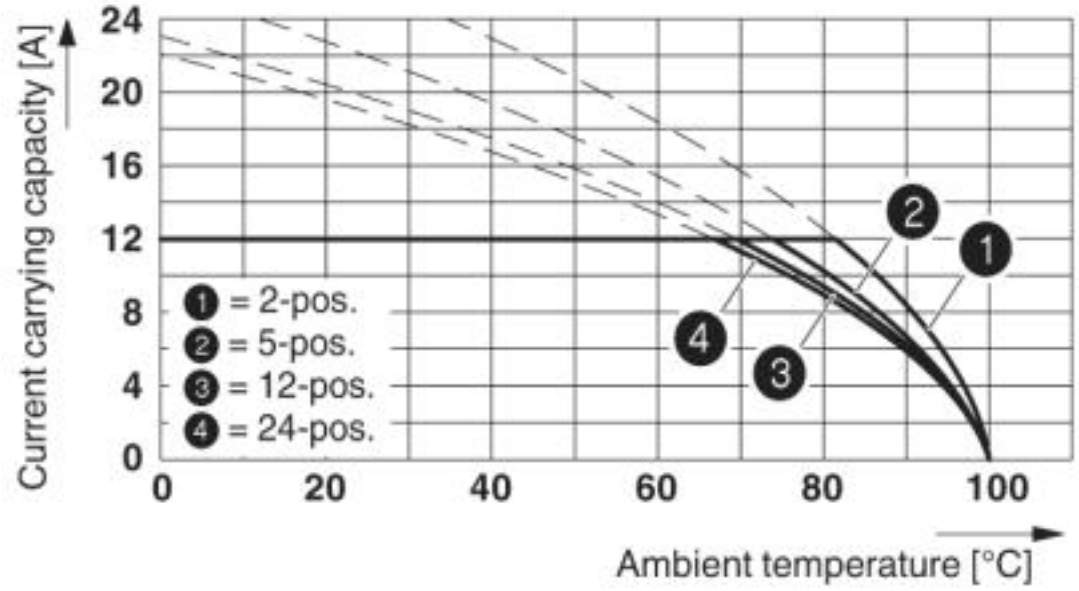
MSTBC-MT 0,2-0,5 BAND - 1879544



Drawings

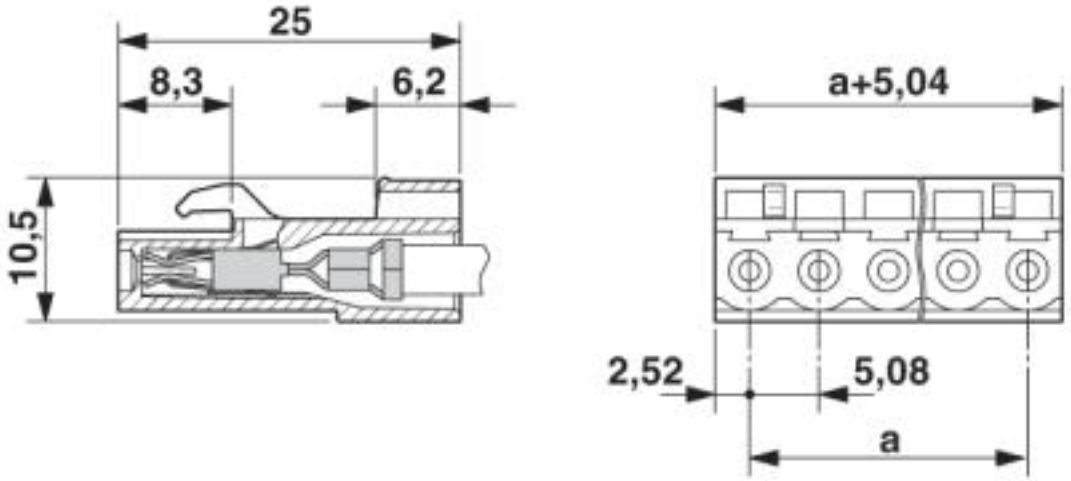
Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501

Diagram



Type: MSTBC 2,5/...-ST-5,08 with MSTBA 2,5/...-G-5,08; contact: MSTBC-MT 1,5 - 2,5

Dimensioned drawing



© Phoenix Contact 2013 - all rights reserved
http://www.phoenixcontact.com