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Printed-circuit board connector - MSTBC 2,5/10-STZ-5,08-R - 1809129

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The illustration shows a 15-position version

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, 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

Why buy this product

- Plug-in direction parallel to the conductor axis
- Low design height of the MSTBC 2,5 plug range
- Compatible with MSTB 2,5 headers, IC 2,5 and ICC 2,5 plugs
- For conductor cross sections from 1.5 to 2.5 mm² (16 - 14 AWG) and currents up to 12 A

Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 115012

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	45.72 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

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Technical data

General

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
Flammability rating according to UL 94	V0
Number of positions	10

Connection data

Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	14

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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	27440309

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

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Classifications

UNSPSC

UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized

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

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.5-1.0
Nominal current IN	10 A
Nominal voltage UN	250 V

cUL Recognized

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

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Approvals

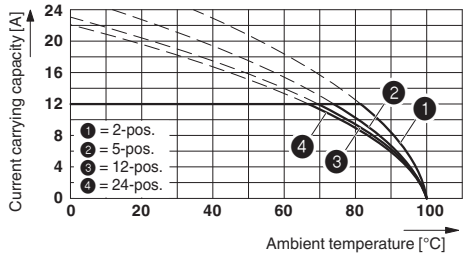
IECEE CB Scheme

mm²/AWG/kcmil	0.5-1.0
Nominal current IN	10 A
Nominal voltage UN	250 V

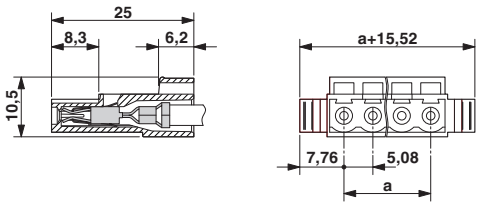
cULus Recognized

Drawings

Diagram



Dimensional drawing



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

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- Logistics systems for the shipment of materials almost anywhere in the world.
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To access the product, click on the green button.

Product	Code	Reference	Product link
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