Printed-circuit board connector - MSTBC 2,5/ 2-STZFD-5,08 - 1809271

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The figure shows an 10-position version

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, connection method: Crimp connection, color: green, mounting: Direct mounting, 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

- Inexpensive connection of large quantities of pre-assembled conductors
- Pull-out aid facilitates handling and allows the tensile force to be reduced at the contact point

Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 047412
GTIN	4017918047412

Technical data

Dimensions

Length [l]	25 mm
Width [w]	19.81 mm
Height [h]	10.7 mm
Pitch	5.08 mm
Dimension a	5.08 mm

General

Range of articles	MSTBC 2,5/..-STZFD
Type of contact	Female connector
Number of positions	2
Connection method	Crimp connection
Insulating material group	I
Rated surge voltage (III/3)	4 kV

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Technical data

General

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 (with a 2.5 mm² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0

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
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Approvals

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

Ex Approvals

Approval details

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Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

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

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

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

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701

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

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

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

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2

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

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Approvals

cULus Recognized	c US	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm

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