

Printed-circuit board connector - MSTBC 2,5/10-ST-5,08 - 1808890

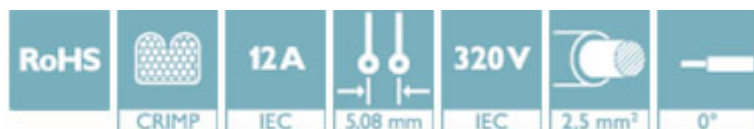
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PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5.08 mm, connection method: Crimp connection, color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] 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

Your advantages

- ✓ Inexpensive connection of large quantities of pre-assembled conductors



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918047245

Technical data

Dimensions

Length [l]	25 mm
Width [w]	50.76 mm
Height [h]	10 mm
Pitch	5.08 mm
Dimension a	45.72 mm

General

Range of articles	MSTBC 2,5/..-ST
Number of positions	10
Connection method	Crimp connection
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

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Technical data

General

Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0

Connection data

Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	2.5 mm ²
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

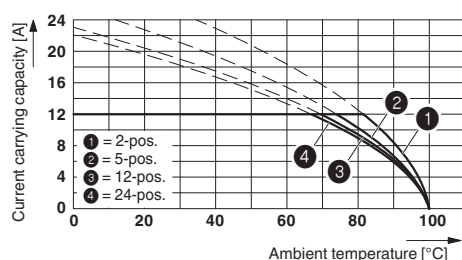
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

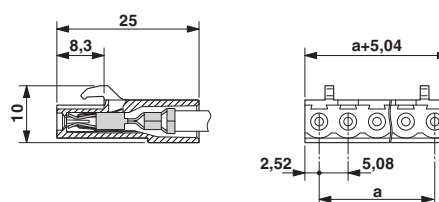
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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

Approvals

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Approvals

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CSA / UL Recognized / cUL Recognized / IECCEB Scheme / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized

Ex Approvals

Approval details

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
		Nominal current IN	10 A
		mm²/AWG/kcmil	20-14

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		D	B
		Nominal voltage UN	300 V
		Nominal current IN	10 A
		mm²/AWG/kcmil	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

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Approvals

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	

cULus Recognized	
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