

## Printed-circuit board connector - MSTBV 2,5/10-GF-5,08 - 1777154

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PCB headers, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering




### Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Screwable flange for superior mechanical stability



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 039325
GTIN	4017918039325
Weight per Piece (excluding packing)	5.800 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	8.6 mm
Width	60.96 mm
Pitch	5.08 mm
Dimension a	45.72 mm
Width [ w ]	60.96 mm
Height [ h ]	15.9 mm

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## Technical data

### Dimensions

Height	12 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Length	8.6 mm

### General

Range of articles	MSTBV 2,5/...-GF
Insulating material group	IIIa
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)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	10

### Standards and Regulations

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

### Environmental Product Compliance

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

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701

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## Classifications

### eCl@ss

eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

DNV GL / CSA / RS / IECCEB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

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#### Ex Approvals


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### Approval details


DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE00001EY
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## Approvals


CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	12 A	10 A	

RS		<a href="http://www.rs-head.spb.ru/en/index.php">http://www.rs-head.spb.ru/en/index.php</a>	17.00014.272
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IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60988-B1B2
Nominal voltage UN		250 V	
Nominal current IN		12 A	

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40004701
Nominal voltage UN		250 V	
Nominal current IN		12 A	

EAC			B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	12 A	10 A	

## Accessories

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## Printed-circuit board connector - MSTBV 2,5/10-GF-5,08 - 1777154

### Accessories

#### Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

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#### Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

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#### Labeled terminal marker

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



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... (99)100, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 5.08 x 3.8 mm

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#### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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#### Terminal marking

## Printed-circuit board connector - MSTBV 2,5/10-GF-5,08 - 1777154

### Accessories

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 5.08 x 3.8 mm

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### Additional products

Printed-circuit board connector - TVMSTB 2,5/10-STF-5,08 - 1719176



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - FKCN 2,5/10-STF-5,08 - 1754872



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Printed-circuit board connector - FRONT-MSTB 2,5/10-STF-5,08 - 1777879



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/10-STF-5,08 - 1778069



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Printed-circuit board connector - MSTBV 2,5/10-GF-5,08 - 1777154

### Accessories

#### Printed-circuit board connector - MSTBT 2,5/10-STF-5,08 - 1805372

PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MSTBC 2,5/10-STZF-5,08 - 1809815

PCB connector, nominal current: 12 A, 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 [mm<sup>2</sup>] 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



#### Printed-circuit board connector - MVSTBW 2,5/10-STF-5,08 - 1834987

PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MVSTBR 2,5/10-STF-5,08 - 1835177

PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - TMSTBP 2,5/10-STF-5,08 - 1853188

PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module.



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### Accessories

#### Printed-circuit board connector - FKC 2,5/10-STF-5,08 - 1873281

PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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#### Printed-circuit board connector - FKCVW 2,5/10-STF-5,08 - 1873883

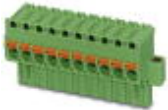
PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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#### Printed-circuit board connector - FKCVR 2,5/10-STF-5,08 - 1874183

PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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#### Printed-circuit board connector - QC 1/10-STF-5,08 - 1883433

PCB connector, nominal current: 10 A, number of positions: 10, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin



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#### Printed-circuit board connector - FKCT 2,5/10-STF-5,08 - 1902385

PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin





## Printed-circuit board connector - MSTBV 2,5/10-GF-5,08 - 1777154

### Accessories

Printed-circuit board connector - TFKC 2,5/10-STF-5,08 - 1962778



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Printed-circuit board connector - SMSTB 2,5/10-STF-5,08 - 1971141



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - FKCS 2,5/10-STF-5,08 - 1975341



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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