

## Printed-circuit board connector - MSTBVA 2,5/ 8-G-5,08 - 1755794

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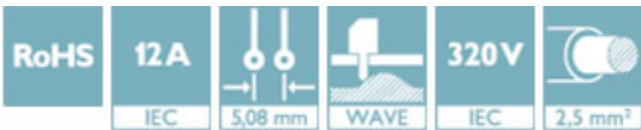
PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

### 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
- ✓ Closed contour for optimum stability of the plug-in connection



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 029371
GTIN	4017918029371
Weight per Piece (excluding packing)	3.000 g
Custom tariff number	85366930
Country of origin	China

### Technical data

#### Dimensions

Length [ l ]	8.6 mm
Width	42.64 mm
Pitch	5.08 mm
Dimension a	35.56 mm
Width [ w ]	42.64 mm

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## Technical data

### Dimensions

Height [ h ]	15.9 mm
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	MSTBVA 2,5/..-G
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)	250 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
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	8

### Standards and Regulations

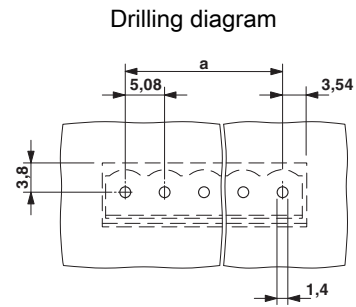
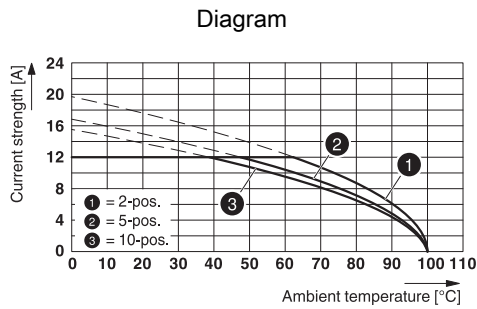
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

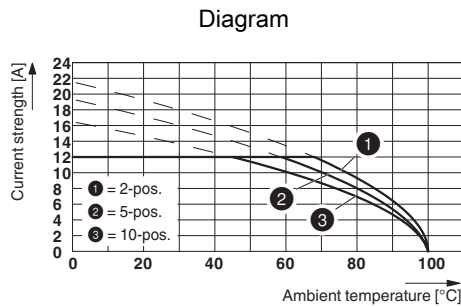
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

# Printed-circuit board connector - MSTBVA 2,5/ 8-G-5,08 - 1755794



Type: TVMSTB 2,5/...-ST-5,08 with MSTBVA 2,5/...-G-5,08



Type: TFKC 2,5/...-ST-5,08 with MSTBVA 2,5/...-G-5,08

## Classifications

eCl@ss

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

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## Classifications

### UNSPSC

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

## Approvals

### Approvals


#### Approvals


CSA / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

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

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58978-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		

## Printed-circuit board connector - MSTBVA 2,5/ 8-G-5,08 - 1755794

### Approvals

Nominal current I <sub>N</sub>	12 A
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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
	D	B	
Nominal voltage U <sub>N</sub>	300 V	300 V	
Nominal current I <sub>N</sub>	10 A	12 A	

### Accessories

#### Accessories

#### Coding element

Coding star - CR-MSTB - 1734401



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

#### Filler plug

Accessories - MSTB-BL - 1755477



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

#### Labeled terminal marker

## Printed-circuit board connector - MSTBVA 2,5/ 8-G-5,08 - 1755794

### Accessories

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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### Additional products

Printed-circuit board connector - TVMSTB 2,5/ 8-ST-5,08 - 1719066



PCB connector, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 8, 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/ 8-ST-5,08 - 1754623



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/ 8-ST-5,08 - 1757077



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/ 8-STZ-5,08 - 1764235



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Printed-circuit board connector - MSTBVA 2,5/ 8-G-5,08 - 1755794

### Accessories

#### Printed-circuit board connector - MSTBP 2,5/ 8-ST-5,08 - 1769078



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - FRONT-MSTB 2,5/ 8-ST-5,08 - 1777345



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin

#### Printed-circuit board connector - MSTBT 2,5/ 8-ST-5,08 - 1781043



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - MVSTBR 2,5/ 8-ST-5,08 - 1792304



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - MVSTBW 2,5/ 8-ST-5,08 - 1792812



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Printed-circuit board connector - MSTBVA 2,5/ 8-G-5,08 - 1755794

### Accessories

#### Printed-circuit board connector - MSTBC 2,5/ 8-ST-5,08 - 1808874



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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 - MSTBC 2,5/ 8-STZ-5,08 - 1809569



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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 - MSTBU 2,5/ 8-STD-5,08 - 1824188



Direct plug-in block, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: Direct mounting

#### Printed-circuit board connector - MSTBU 2,5/ 8-ST-5,08-FL - 1824418



Direct plug-in block, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: Direct mounting

#### Printed-circuit board connector - SMSTB 2,5/ 8-ST-5,08 - 1826348



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Printed-circuit board connector - MSTBVA 2,5/ 8-G-5,08 - 1755794

### Accessories

#### Printed-circuit board connector - MSTBVK 2,5/ 8-ST-5,08 - 1831375



DIN rail connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: DIN rail

#### Printed-circuit board connector - UMSTBVK 2,5/ 8-ST-5,08 - 1833878



DIN rail connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: DIN rail

#### Printed-circuit board connector - TMSTBP 2,5/ 8-ST-5,08 - 1853078



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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.

#### Printed-circuit board connector - FKCVW 2,5/ 8-ST-5,08 - 1873113



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - FKCVW 2,5/ 8-ST-5,08 - 1873715



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

## Printed-circuit board connector - MSTBVA 2,5/ 8-G-5,08 - 1755794

### Accessories

#### Printed-circuit board connector - FKCVR 2,5/ 8-ST-5,08 - 1874015



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - QC 1/ 8-ST-5,08 - 1883310



PCB connector, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin

#### Printed-circuit board connector - FKCT 2,5/ 8-ST-5,08 - 1902178



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - TFKC 2,5/ 8-ST-5,08 - 1962668



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - FKCS 2,5/ 8-ST-5,08 - 1975134



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

