

# Printed-circuit board connector - MSTBVA 2,5/ 5-G - 1755545

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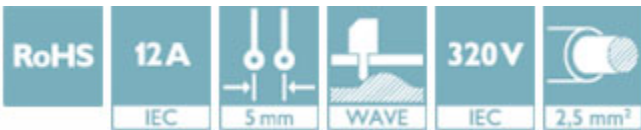
PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering



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 029128
GTIN	4017918029128
Weight per Piece (excluding packing)	1.920 g
Custom tariff number	85366930
Country of origin	Germany

## Technical data

### Dimensions

Length [ l ]	8.6 mm
Width	27 mm
Pitch	5 mm
Dimension a	20 mm
Width [ w ]	27 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)	400 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	5

### Standards and Regulations

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

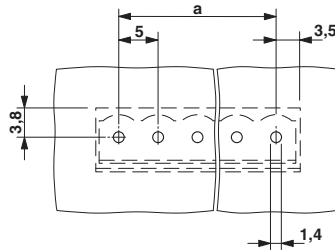
### Environmental Product Compliance

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

## Drawings

# Printed-circuit board connector - MSTBVA 2,5/ 5-G - 1755545

Drilling diagram



## 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

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


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## Approvals


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		
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
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	12 A	

## Accessories

Accessories

## Printed-circuit board connector - MSTBVA 2,5/ 5-G - 1755545

### 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 5/3,8:FORTL.ZAHLEN - 0804183



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 mm, lettering field size: 5 x 3.8 mm

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#### Terminal marking

Marker card - SK 5/3,8:UNBEDRUCKT - 0805409



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, mounting type: adhesive, for terminal block width: 5 mm, lettering field size: 5 x 3.8 mm

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#### Additional products

## Printed-circuit board connector - MSTBVA 2,5/ 5-G - 1755545

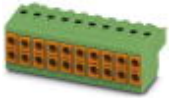
### Accessories

#### Printed-circuit board connector - TVFKC 1,5/ 5-ST - 1713868



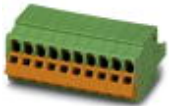
PCB connector, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - TVFKCL 1,5/ 5-ST - 1715950



PCB connector, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Plug - QC 1,5/ 5-ST - 1717990



PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 5, pitch: 5 mm, connection method: Displacement connection, color: green, contact surface: Tin

#### Printed-circuit board connector - FKCN 2,5/ 5-ST - 1732771



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - MSTB 2,5/ 5-ST - 1754504



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Printed-circuit board connector - MSTBVA 2,5/ 5-G - 1755545

### Accessories

#### Printed-circuit board connector - MSTBP 2,5/ 5-ST - 1765807

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - SMSTB 2,5/ 5-ST - 1768794

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - FRONT-MSTB 2,5/ 5-ST - 1779440

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin



#### Printed-circuit board connector - MSTBT 2,5/ 5-ST - 1779864

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MVSTBR 2,5/ 5-ST - 1792045

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



## Printed-circuit board connector - MSTBVA 2,5/ 5-G - 1755545

### Accessories

#### Printed-circuit board connector - MVSTBW 2,5/ 5-ST - 1792553



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - FKCT 2,5/ 5-ST - 1909249



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - FKCVR 2,5/ 5-ST - 1909744



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - FKCVW 2,5/ 5-ST - 1910063



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

#### Printed-circuit board connector - FKC 2,5/ 5-ST - 1910380



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



## Printed-circuit board connector - MSTBVA 2,5/ 5-G - 1755545

### Accessories

#### Printed-circuit board connector - QC 1/ 5-ST-BUS - 1921706



PCB connector, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 5, pitch: 5 mm, connection method: Displacement connection, color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module, without interruption

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#### Printed-circuit board connector - FKCS 2,5/ 5-ST - 1974766



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin