

## Feed-through header - MDSTBVA 2,5/ 6-G-5,08 - 1845374

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The figure shows a 10-position version of the product

PCB headers, nominal current: 10 A, number of positions: 6, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

### Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Conductor connection on several levels enables higher contact density



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918184193
Weight per Piece (excluding packing)	9.890 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	23.7 mm
Width	35.02 mm
Pitch	5.08 mm
Dimension a	25.4 mm
Width [ w ]	35.02 mm

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## Technical data

### Dimensions

Height [ h ]	26 mm
Height	22.1 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Length	23.7 mm

### General

Range of articles	MDSTBVA 2,5/..-G
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 <sub>N</sub>	10 A
Maximum load current	10 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	6

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
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

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700

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## Classifications

### eCl@ss

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

#### Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

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	10 A		

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## Approvals

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		10 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

### 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

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### Accessories

#### 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 for terminal blocks - SK 5,08/3,8: 0-9 - 0804303



Marker for terminal blocks, Card, white, labeled, Horizontal: consecutive numbers 0 ... 9, 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

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

## Feed-through header - MDSTBVA 2,5/ 6-G-5,08 - 1845374

### Accessories

Printed-circuit board connector - TVMSTB 2,5/ 6-ST-5,08 - 1719040



PCB connector, nominal current: 12 A, number of positions: 6, 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/ 6-ST-5,08 - 1754607



PCB connector, nominal current: 12 A, number of positions: 6, 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/ 6-ST-5,08 - 1757051



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - MSTBP 2,5/ 6-ST-5,08 - 1769052



PCB connector, nominal current: 12 A, number of positions: 6, 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/ 6-STZ-5,08 - 1776126



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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### Accessories

#### Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST-5,08 - 1777329

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin



#### Printed-circuit board connector - MSTBT 2,5/ 6-ST-5,08 - 1781027

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MVSTBR 2,5/ 6-ST-5,08 - 1792281

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MVSTBW 2,5/ 6-ST-5,08 - 1792799

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MSTBC 2,5/ 6-ST-5,08 - 1808858

PCB connector, nominal current: 12 A, number of positions: 6, 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



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### Accessories

#### Printed-circuit board connector - MSTBC 2,5/ 6-STZ-5,08 - 1809543



PCB connector, nominal current: 12 A, number of positions: 6, 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/ 6-STD-5,08 - 1824162



Direct plug-in block, nominal current: 12 A, number of positions: 6, 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/ 6-ST-5,08-FL - 1824395



Direct plug-in block, nominal current: 12 A, number of positions: 6, 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/ 6-ST-5,08 - 1826322



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - MSTBVK 2,5/ 6-ST-5,08 - 1831359



DIN rail connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: DIN rail

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### Accessories

Printed-circuit board connector - UMSTBVK 2,5/ 6-ST-5,08 - 1833852



DIN rail connector, nominal current: 12 A, number of positions: 6, 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/ 6-ST-5,08 - 1853052



PCB connector, nominal current: 12 A, number of positions: 6, 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 - FKC 2,5/ 6-ST-5,08 - 1873090



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 6-ST-5,08 - 1873692



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 6-ST-5,08 - 1873993



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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### Accessories

Printed-circuit board connector - QC 1/ 6-ST-5,08 - 1883297



PCB connector, nominal current: 10 A, number of positions: 6, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 6-ST-5,08 - 1902152



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - TFKC 2,5/ 6-ST-5,08 - 1962642



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCS 2,5/ 6-ST-5,08 - 1975118



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin