

## Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08THTPIN26R32 - 1946202

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Header, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, Color: black, contact surface: Tin, User information and design recommendations for through hole reflow technology can be found under "Downloads"


The figure shows an 8-position version

### Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Closed contour for optimum stability of the plug-in connection



### Key Commercial Data

Packing unit	1
GTIN	 4 017918 864125
GTIN	4017918864125
Custom tariff number	85366930

### Technical data

#### Dimensions

Length [ l ]	12 mm
Pitch	5.08 mm
Dimension a	5.08 mm
Width [ w ]	12.16 mm
Constructional height	8.6 mm
Height [ h ]	11.2 mm

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## Technical data

### Dimensions

Length of the solder pin	2.6 mm
Pin dimensions	1 x 1 mm
Pin spacing	5.08 mm
Hole diameter	1.4 mm

### General

Range of articles	MSTBA 2,5/..-G-THT
Rated voltage (III/3)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Color	black
Number of positions	2

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

### 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	27260701
eCl@ss 6.0	27260704
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

cULus Recognized / EAC

Ex Approvals

### Approval details

cULus Recognized				<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
	B			D	
Nominal current I <sub>N</sub>	15 A			10 A	
Nominal voltage U <sub>N</sub>	300 V			300 V	

EAC		B.01742
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## Accessories

Accessories

Coding element

## Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08THTPIN26R32 - 1946202

### Accessories

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: 5.08 x 3.8 mm

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### Additional products

Printed-circuit board connector - MSTBP 2,5/ 2-ST-5,08 - 1769010



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

## Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08THTPIN26R32 - 1946202

### Accessories

Printed-circuit board connector - FKCT 2,5/ 2-ST-5,08 - 1902110



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

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255



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

Printed-circuit board connector - FKCVW 2,5/ 2-ST-5,08 - 1873650



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

Printed-circuit board connector - FKC 2,5/ 2-ST-5,08 - 1873058



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

Printed-circuit board connector - TMSTBP 2,5/ 2-ST-5,08 - 1853010



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, 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 - MSTBA 2,5/ 2-G-5,08THTPIN26R32 - 1946202

### Accessories

Printed-circuit board connector - SMSTB 2,5/ 2-ST-5,08 - 1826283



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

Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, 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/ 2-ST-5,08 - 1808816



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, 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 - MVSTBR 2,5/ 2-ST-5,08 - 1792249



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

Base strip - IC 2,5/ 2-G-5,08 - 1786404



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

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### Accessories

Base strip - ICV 2,5/ 2-G-5,08 - 1785942



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

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Printed-circuit board connector - MSTBT 2,5/ 2-ST-5,08 - 1779987



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

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Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, 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/ 2-ST-5,08 - 1757019



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

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Printed-circuit board connector - FKCVR 2,5/ 2-ST-5,08 - 1873951



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

## Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08THTPIN26R32 - 1946202

### Accessories

Base strip - A-ICV 2,5/ 2-G-5,08 - 1872693



Base strip, nominal current: 12 A, nom. voltage: 250 V, mounting type: DIN rail mounting, number of positions: 2, pitch: 5.08 mm, color: green

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Printed-circuit board connector - MVSTBW 2,5/ 2-ST-5,08 - 1792757



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