

# Printed-circuit board connector - MSTBW 2,5/ 5-GF-5,08 4,45 ABAU - 1845112

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PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: Agate gray, contact surface: Gold, mounting: Wave soldering, Gold-plated contact surface / color: Gray RAL 7038

## 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
- ✓ Stand-offs enable the PCB to be cleaned or sealed



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918217464
Weight per Piece (excluding packing)	3.960 g
Custom tariff number	85366930
Country of origin	Germany

## Technical data

### Dimensions

Length [ l ]	12 mm
Width	25.4 mm
Pitch	5.08 mm
Dimension a	20.32 mm
Width [ w ]	25.4 mm

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## Technical data

### Dimensions

Height [ h ]	15.92 mm
Height	12.42 mm
Length of the solder pin	3.5 mm
Length	12 mm

### General

Range of articles	MSTBW 2,5/...-GF(4,45)
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>	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	Agate gray
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

	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

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## Classifications

### eCl@ss

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
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

CSA / EAC / cULus Recognized

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#### Ex Approvals

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### Approval details

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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	15 A	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	15 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

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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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#### Additional products

Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 ABGY AU - 1853201



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: Agate gray, contact surface: Gold, The plug allows conductors to be looped through from module to module.

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Printed-circuit board connector - MSTB 2,5/ 5-STF-5,08 AU - 1876628



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

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Printed-circuit board connector - MSTBP 2,5/ 5-STF-5,08 ABGY AU - 1879065



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: Agate gray, contact surface: Gold

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### Accessories

Printed-circuit board connector - MSTB 2,5/ 5-STF-5,08 ABGY AU - 1882832



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: Agate gray, contact surface: Gold

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Printed-circuit board connector - MVSTBW 2,5/ 5-STF-5,08 AU - 1908253



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

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Printed-circuit board connector - MVSTBW 2,5/ 5-STF-5,08 ABGY AU - 1908538



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: Agate gray, contact surface: Gold

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Printed-circuit board connector - TMSTBP 2,5/ 5-STF-5,08 AU - 1908732



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold. The plug allows conductors to be looped through from module to module.

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Printed-circuit board connector - MVSTBR 2,5/ 5-STF-5,08 AU - 1916902



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

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### Accessories

Printed-circuit board connector - MVSTBR 2,5/ 5-STF-5,08 ABGY AU - 1919666



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: Agate gray, contact surface: Gold

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Printed-circuit board connector - MSTBP 2,5/ 5-STF-5,08 AU - 1944479



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Gold

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Printed-circuit board connector - FKC 2,5/ 5-STF-5,08 AU - 1945672



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Gold

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Printed-circuit board connector - FKCVR 2,5/ 5-STF-5,08 AU - 1948996



Printed-circuit board connector - FKCVW 2,5/ 5-STF-5,08 AU - 1950515



## Printed-circuit board connector - MSTBW 2,5/ 5-GF-5,08 4,45 ABAU - 1845112

### Accessories

Printed-circuit board connector - TFKC 2,5/ 5-STF-5,08 AU - 1962590



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Gold

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Printed-circuit board connector - FKCT 2,5/ 5-STF-5,08 AU - 1966907



PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Gold

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