

## Feed-through header - MSTB 2,5/ 3-GF - 1776702

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PCB headers, nominal current: 12 A, number of positions: 3, 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
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Screwable flange for superior mechanical stability



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 038878
GTIN	4017918038878
Weight per Piece (excluding packing)	2.960 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	12 mm
Width	25 mm
Pitch	5 mm
Dimension a	10 mm

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## Technical data

### Dimensions

Width [ w ]	25 mm
Height [ h ]	12.1 mm
Height	8.6 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Length	12 mm

### General

Range of articles	MSTB 2,5/..-GF
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	green
Number of positions	3

### 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
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## Classifications

### eCl@ss

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
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

DNV GL / CSA / RS / IECCE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

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#### Ex Approvals

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### Approval details

DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE00001EY
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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		10 A	10 A

RS		<a href="http://www.rs-head.spb.ru/en/index.php">http://www.rs-head.spb.ru/en/index.php</a>	17.00014.272
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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		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
		B	D
Nominal voltage UN		300 V	150 V
Nominal current IN		15 A	15 A

### Accessories

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### Accessories

#### Coding element

Coding section - 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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#### Additional products

Plug - QC 1,5/ 3-STF - 1718122



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Displacement connection, color: green, contact surface: Tin

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### Accessories

#### Printed-circuit board connector - FKCN 2,5/ 3-STF - 1732975

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



#### Printed-circuit board connector - FRONT-MSTB 2,5/ 3-STF - 1779657

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin



#### Printed-circuit board connector - MSTB 2,5/ 3-STF - 1786844

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MVSTBW 2,5/ 3-STF - 1835290

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MVSTBR 2,5/ 3-STF - 1835481

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



## Feed-through header - MSTB 2,5/ 3-GF - 1776702

### Accessories

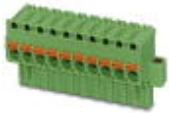
#### Printed-circuit board connector - FKCT 2,5/ 3-STF - 1909414



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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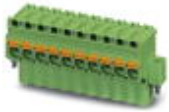
#### Printed-circuit board connector - FKCVR 2,5/ 3-STF - 1909896



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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#### Printed-circuit board connector - FKCVW 2,5/ 3-STF - 1910212



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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#### Printed-circuit board connector - FKC 2,5/ 3-STF - 1910539



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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#### Printed-circuit board connector - SMSTB 2,5/ 3-STF - 1970883



PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Feed-through header - MSTB 2,5/ 3-GF - 1776702

### Accessories

Printed-circuit board connector - FKCS 2,5/ 3-STF - 1974931

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

