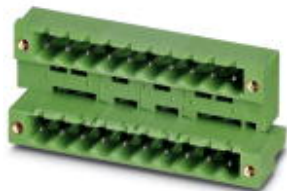


# Feed-through header - MDSTB 2,5/10-GF - 1846771

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PCB headers, nominal current: 10 A, number of positions: 10, pitch: 5 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!

The figure shows a 10-pos. version with 20 contacts

## 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	50 pc
GTIN	
GTIN	4017918184575
Weight per Piece (excluding packing)	0.018 kg
Custom tariff number	85366930
Country of origin	Germany
Note	Made to Order (non-returnable)

## Technical data

### Dimensions

Length [ l ]	22.1 mm
Width	60 mm
Pitch	5 mm
Dimension a	45 mm
Width [ w ]	60 mm
Height [ h ]	26.9 mm
Height	23.7 mm

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## Technical data

### Dimensions

Length of the solder pin	3.2 mm
Pin dimensions	1 x 1 mm
Length	22.1 mm

### General

Range of articles	MDSTB 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>	10 A
Maximum load current	10 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	10

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
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	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

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## Classifications

### eCl@ss

eCl@ss 9.0	27440402
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### 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		

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		

# Feed-through header - MDSTB 2,5/10-GF - 1846771

## Approvals

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
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	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A

## Accessories

### Accessories

#### Coding element

Coding section - 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

### 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

## Additional products

## Feed-through header - MDSTB 2,5/10-GF - 1846771

### Accessories

Plug - QC 1,5/10-STF - 1718193



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Displacement connection, color: green, contact surface: Tin

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Printed-circuit board connector - FRONT-MSTB 2,5/10-STF - 1779725



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/10-STF - 1786912



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - MVSTBW 2,5/10-STF - 1835368



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - MVSTBR 2,5/10-STF - 1835559



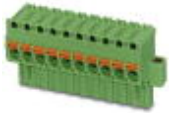
PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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## Feed-through header - MDSTB 2,5/10-GF - 1846771

### Accessories

Printed-circuit board connector - FKCVR 2,5/10-STF - 1909964



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Printed-circuit board connector - FKCVW 2,5/10-STF - 1910283



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Printed-circuit board connector - FKC 2,5/10-STF - 1910607



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Printed-circuit board connector - SMSTB 2,5/10-STF - 1970951



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - FKCS 2,5/10-STF - 1975008



PCB connector, nominal current: 12 A, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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