

## Feed-through header - MSTBV 2,5/17-GF - 1777031

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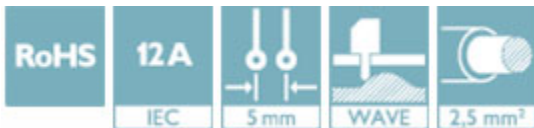
PCB headers, nominal current: 12 A, number of positions: 17, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering




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
- ✓ Well-known mounting principle allows worldwide use
- ✓ Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 039202
GTIN	4017918039202
Weight per Piece (excluding packing)	8.630 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	8.6 mm
Width	95 mm
Pitch	5 mm
Dimension a	80 mm
Width [ w ]	95 mm

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## Technical data

### Dimensions

Height [ h ]	15.9 mm
Height	12 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Length	8.6 mm

### General

Range of articles	MSTBV 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 $I_N$	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	17

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

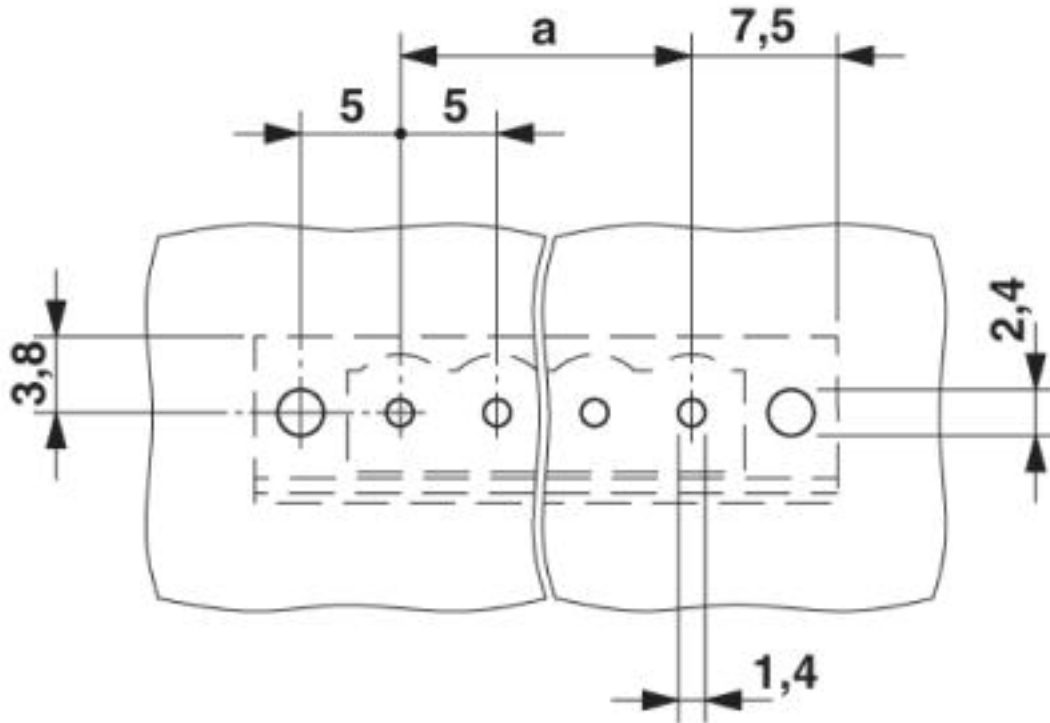
### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

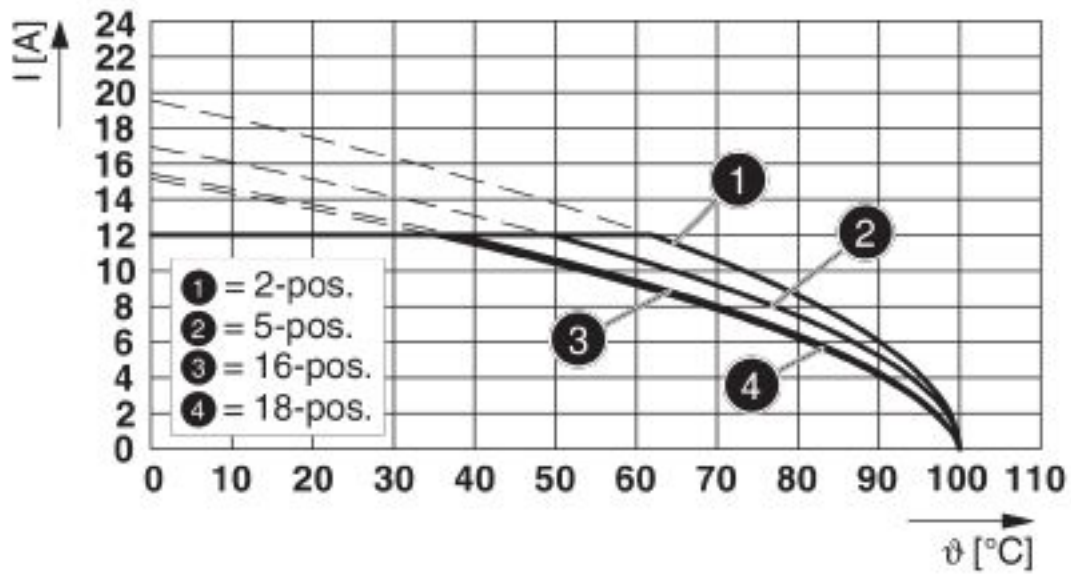
## Drawings

# Feed-through header - MSTBV 2,5/17-GF - 1777031

Drilling diagram

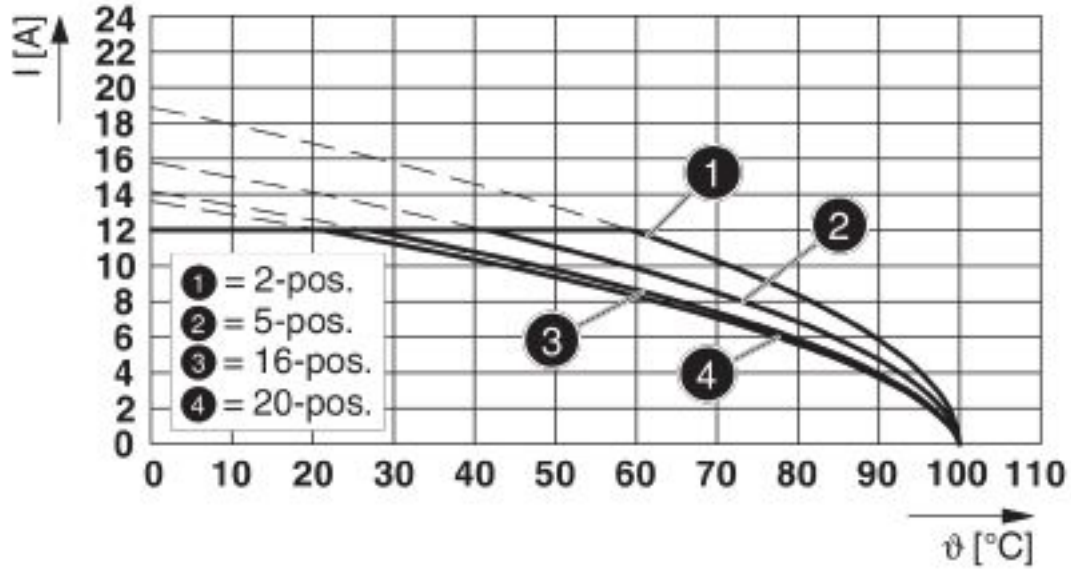


Diagram



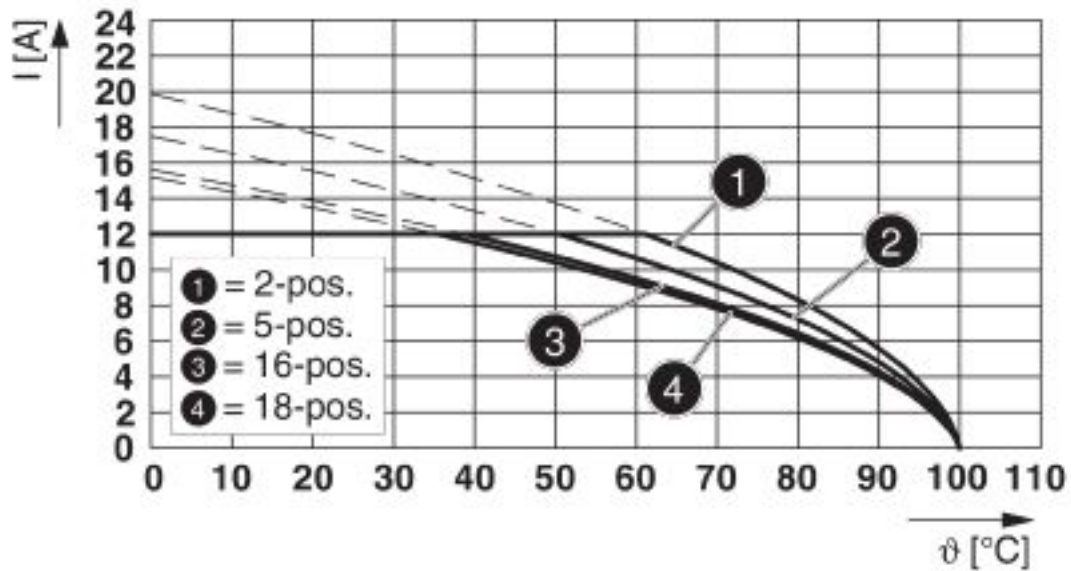
# Feed-through header - MSTBV 2,5/17-GF - 1777031

Diagram



Type: FRONT-MSTB 2,5/...-STF with MSTBV 2,5/...-GF

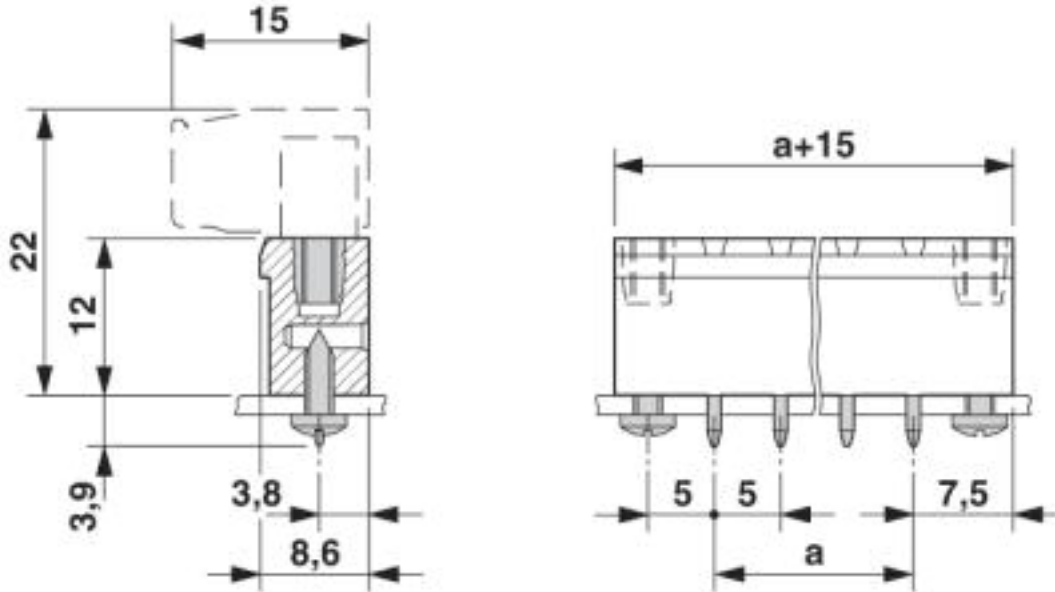
Diagram



Type: FKCN 2,5/...-STF with MSTBV 2,5/...-G

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Dimensional drawing



## 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
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

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## Classifications

### UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals

#### Approvals

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


#### Ex Approvals

### Approval details

DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE00001EY
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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	12 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		

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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		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	300 V	
Nominal current IN	12 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

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### Accessories

#### 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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#### 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 5/3,8:UNBEDRUCKT - 0805409



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, mounting type: adhesive, for terminal block width: 5 mm, lettering field size: 5 x 3.8 mm

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#### Additional products

Printed-circuit board connector - FKCN 2,5/17-STF - 1733107



PCB connector, nominal current: 12 A, number of positions: 17, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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### Accessories

#### Printed-circuit board connector - FRONT-MSTB 2,5/17-STF - 1779796

PCB connector, nominal current: 12 A, number of positions: 17, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin



#### Printed-circuit board connector - MSTB 2,5/17-STF - 1786983

PCB connector, nominal current: 12 A, number of positions: 17, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MVSTBW 2,5/17-STF - 1835436

PCB connector, nominal current: 12 A, number of positions: 17, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - MVSTBR 2,5/17-STF - 1835627

PCB connector, nominal current: 12 A, number of positions: 17, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



#### Printed-circuit board connector - FKCT 2,5/17-STF - 1909553

PCB connector, nominal current: 12 A, number of positions: 17, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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### Accessories

Printed-circuit board connector - SMSTB 2,5/17-STF - 1971028

PCB connector, nominal current: 12 A, number of positions: 17, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

