

## Feed-through header - MSTBW 2,5/21-G - 1735921

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PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 21, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm



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



### Key Commercial Data

Packing unit	1
GTIN	
GTIN	4017918027643
Custom tariff number	85366930

### Technical data

#### Dimensions

Length [ l ]	12 mm
Width	105 mm
Pitch	5 mm
Dimension a	100 mm
Width [ w ]	105 mm
Height [ h ]	15.95 mm
Height	12.45 mm

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## Technical data

### Dimensions

Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Length	12 mm

### General

Range of articles	MSTBW 2,5/..-G
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	21

### Standards and Regulations

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

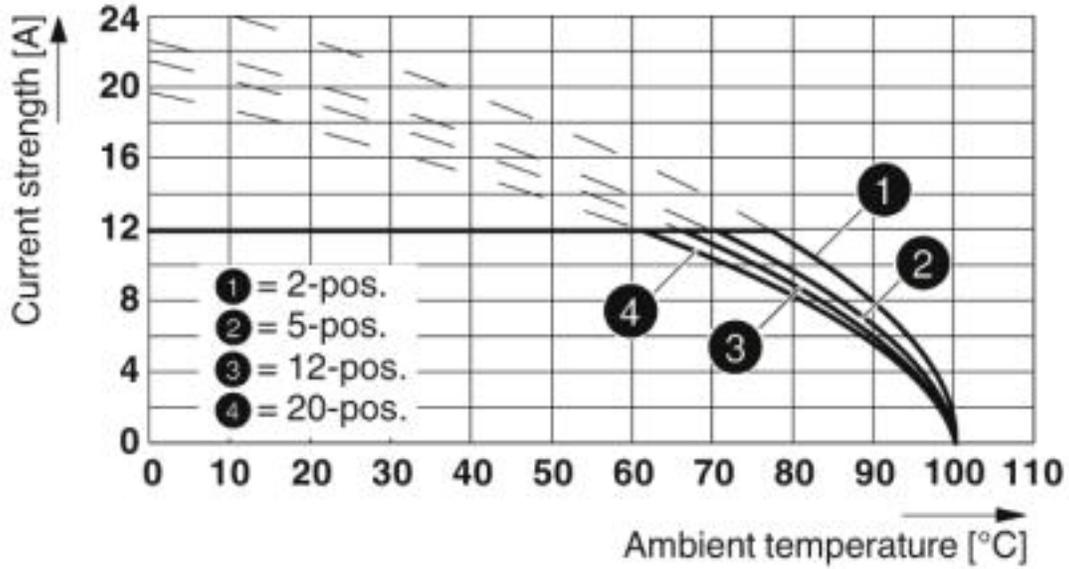
### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

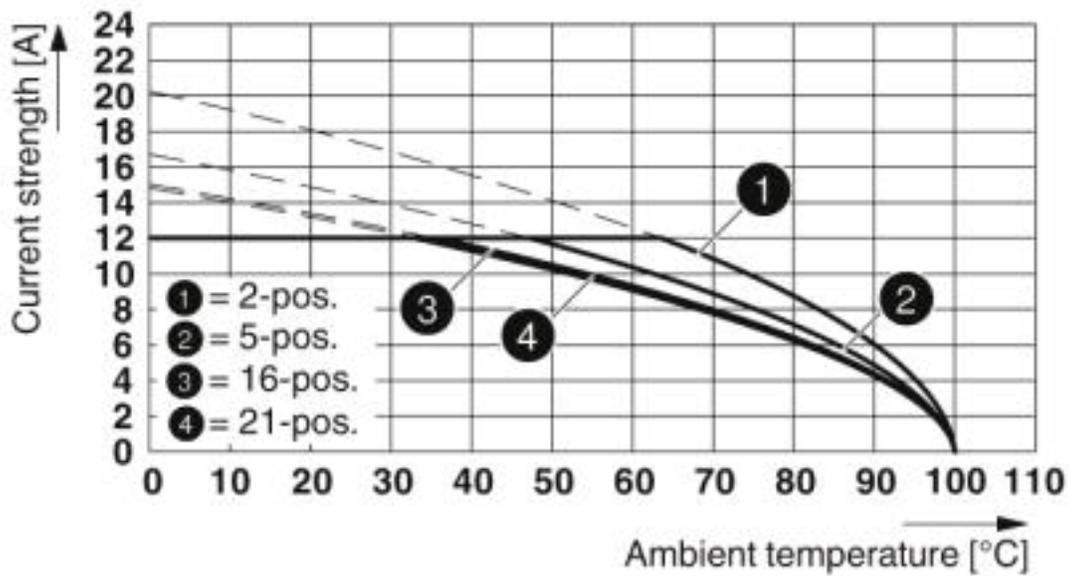
# Feed-through header - MSTBW 2,5/21-G - 1735921

Diagram



Type: MSTB 2,5/...-ST with MSTBW 2,5/...-G

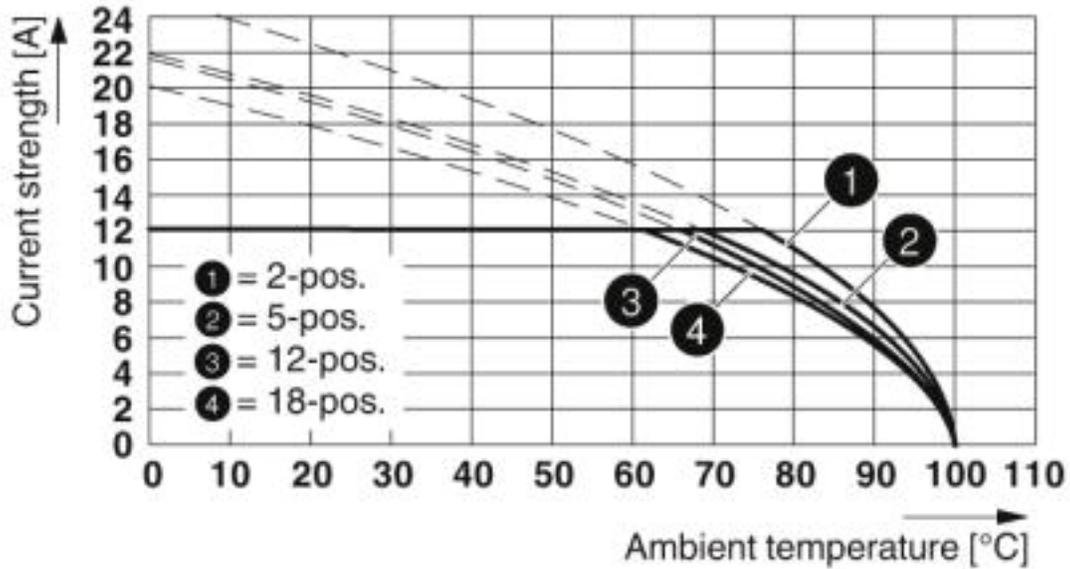
Diagram



Type: MVSTB(R/W) 2,5/...-ST with MSTBW 2,5/...-G

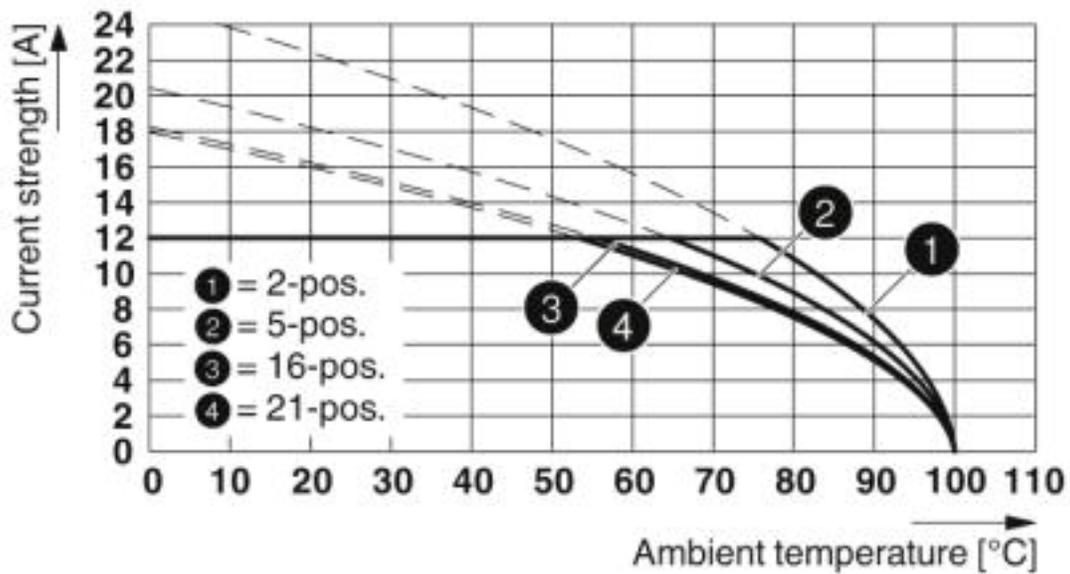
# Feed-through header - MSTBW 2,5/21-G - 1735921

Diagram



Type: MSTBT 2,5/...-ST with MSTBW 2,5/...-G

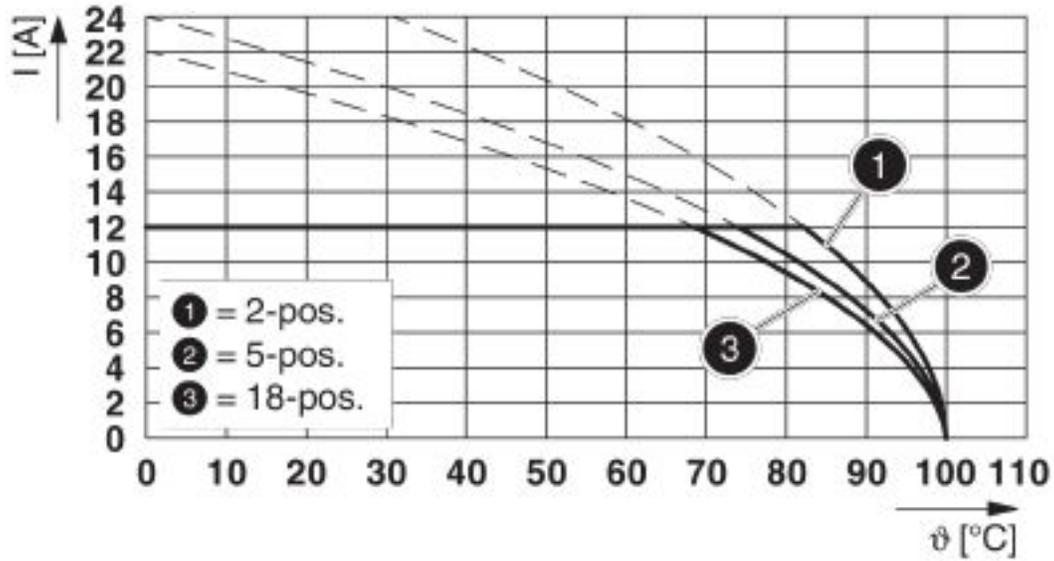
Diagram



Type: FRONT-MSTB 2,5/...-ST with MSTBW 2,5/...-G

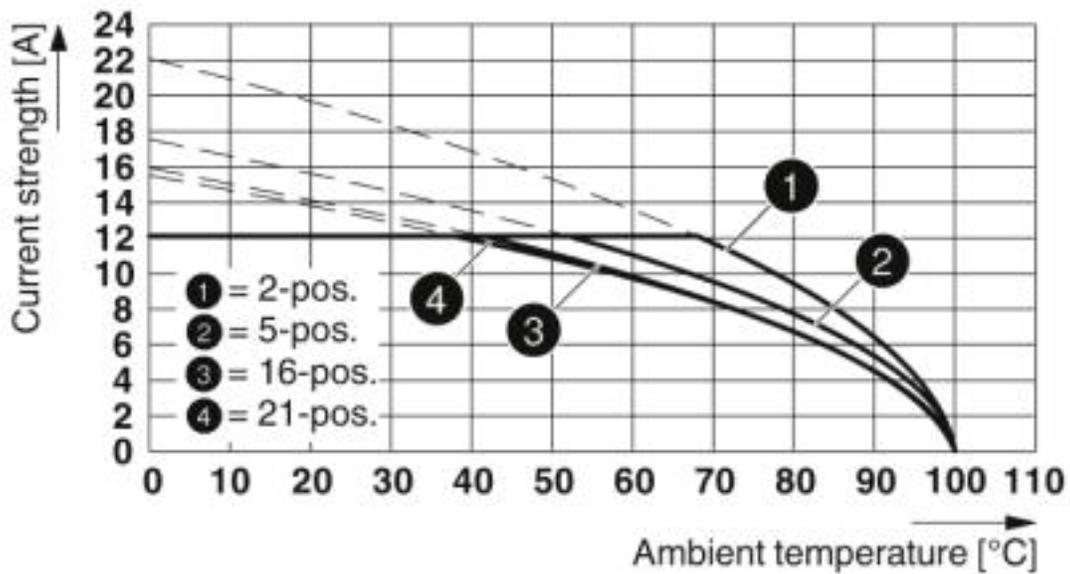
# Feed-through header - MSTBW 2,5/21-G - 1735921

Diagram



Type: FKCS 2,5/...-ST with MSTBW 2,5/...-G

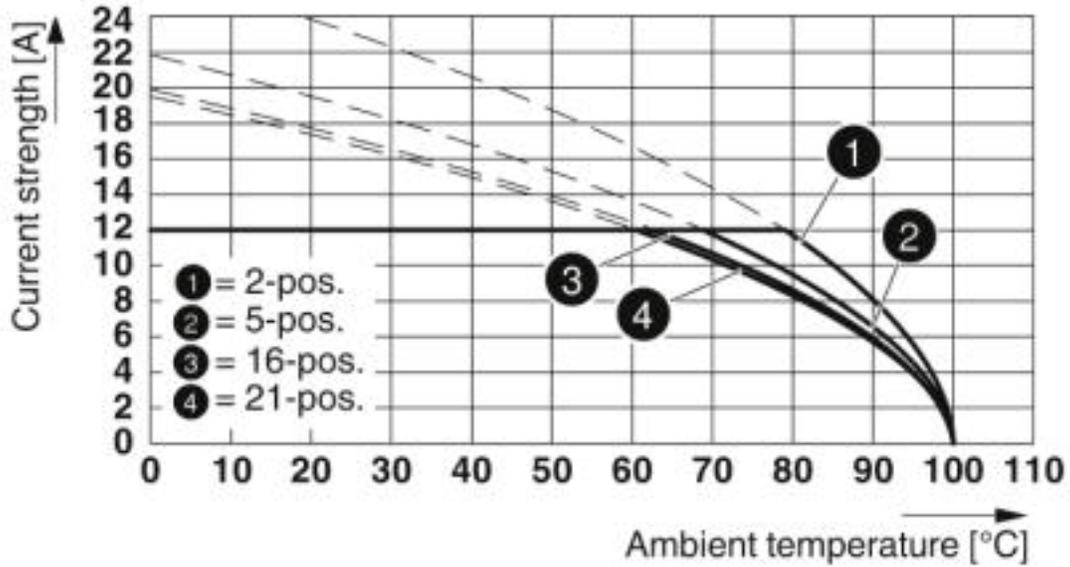
Diagram



Type: SMSTB 2,5/...-ST with MSTBW 2,5/...-G

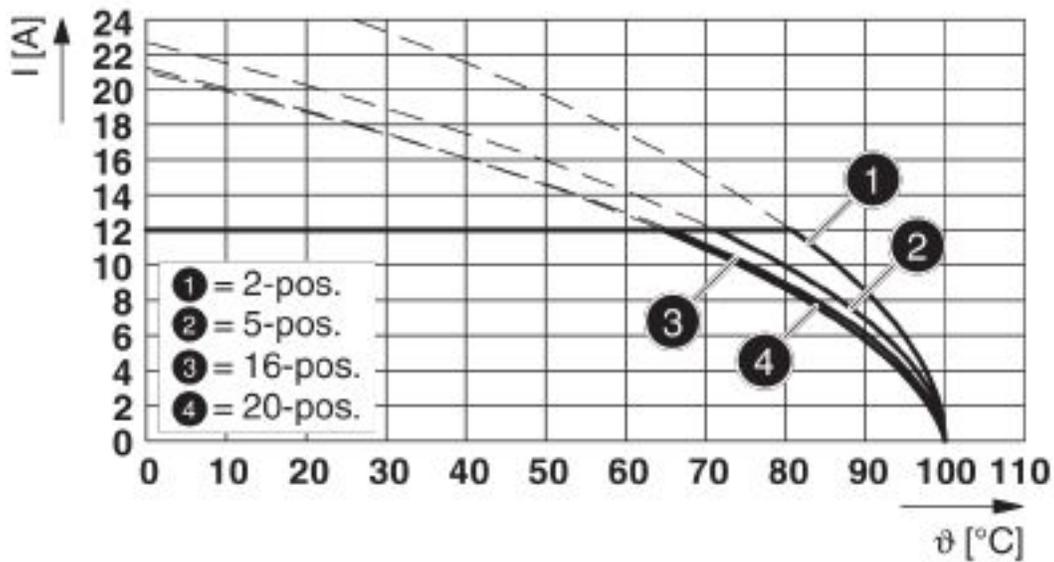
# Feed-through header - MSTBW 2,5/21-G - 1735921

Diagram



Type: MSTBP 2,5/...-ST with MSTBW 2,5/...-G

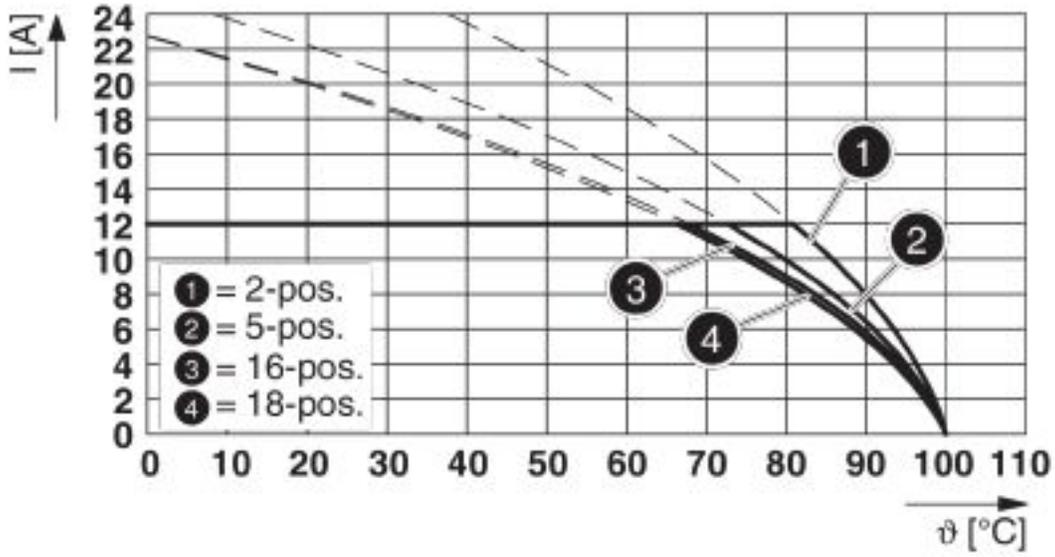
Diagram



Type: FKCT 2,5/...-ST with MSTBW 2,5/...-G

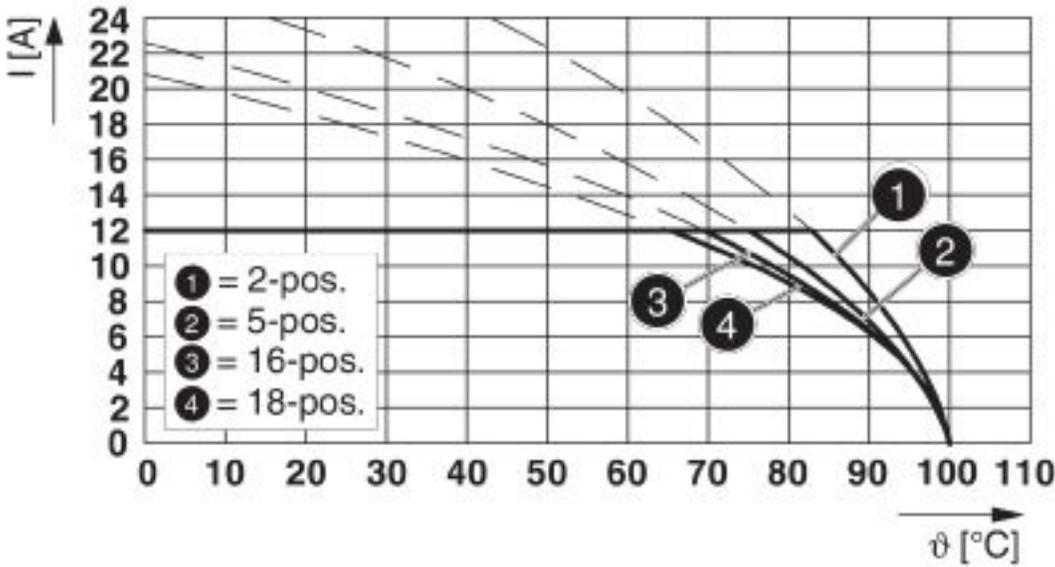
# Feed-through header - MSTBW 2,5/21-G - 1735921

Diagram



Type: FKCN 2,5/...-ST with MSTBW 2,5/...-G

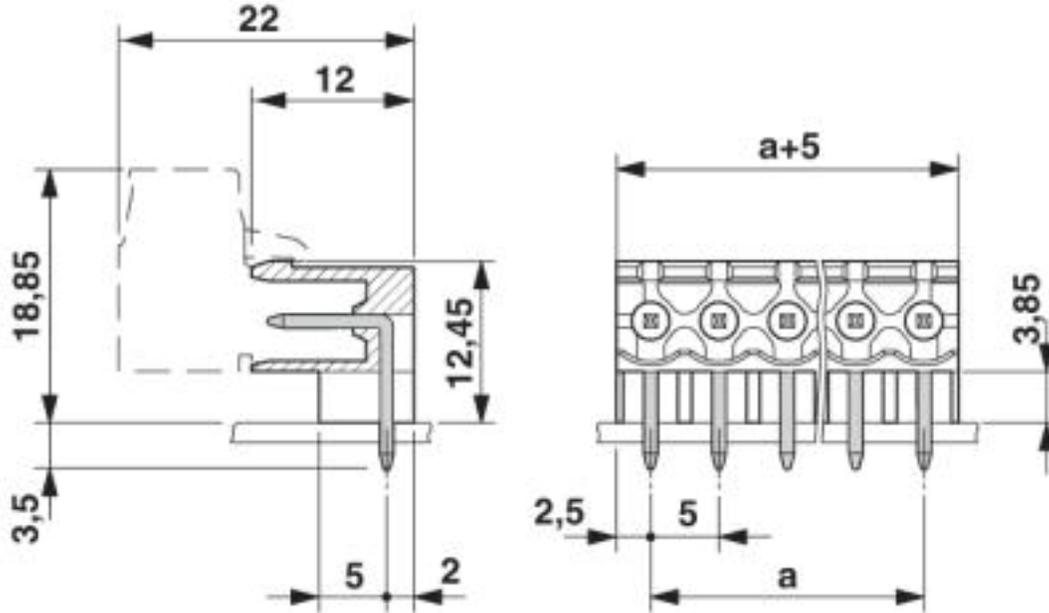
Diagram



Type: FKCV(W/R) 2,5/...-ST with MSTBW 2,5/...-G

# Feed-through header - MSTBW 2,5/21-G - 1735921

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 10.0.1	27440402
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
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## Classifications

### UNSPSC

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

## Approvals

### Approvals

#### Approvals

CSA / IECCE CB Scheme / EAC / cULus Recognized / VDE Zeichengenehmigung

#### Ex Approvals

### Approval details

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	

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

EAC		B.01687
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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	

VDE Zeichengenehmigung		<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>	40050648
Nominal voltage UN		250 V	
Nominal current IN		12 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

## Feed-through header - MSTBW 2,5/21-G - 1735921

### 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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### Additional products

Printed-circuit board connector - MSTB 2,5/21-ST - 1754821



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 21, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - MSTBP 2,5/21-ST - 1765962



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 21, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - SMSTB 2,5/21-ST - 1768943



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 21, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Printed-circuit board connector - FRONT-MSTB 2,5/21-ST - 1779602



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 21, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin

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### Accessories

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#### Printed-circuit board connector - MVSTBR 2,5/21-ST - 1792207



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 21, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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#### Printed-circuit board connector - MVSTBW 2,5/21-ST - 1792715



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 21, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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