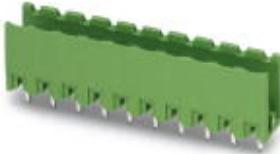


## Feed-through header - MSTBV 2,5/17-G - 1753738

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

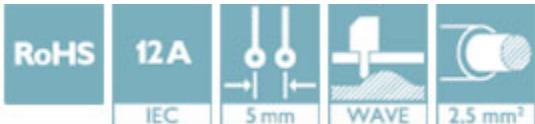
PCB headers, nominal current: 12 A, number of positions: 17, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering



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
- ✓ Items that can be aligned in various pitches support flexible and space-saving PCB assembly
- ✓ Easy PCB replacement thanks to plug-in modules



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 028527
GTIN	4017918028527
Weight per Piece (excluding packing)	7.090 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [l]	8.6 mm
Width	85 mm
Pitch	5 mm

## Feed-through header - MSTBV 2,5/17-G - 1753738

### Technical data

#### Dimensions

Dimension a	80 mm
Width [ w ]	85 mm
Height [ h ]	15.9 mm
Height	12 mm
Length of the solder pin	3.9 mm
Length	8.6 mm

#### General

Range of articles	MSTBV 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 $I_N$	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

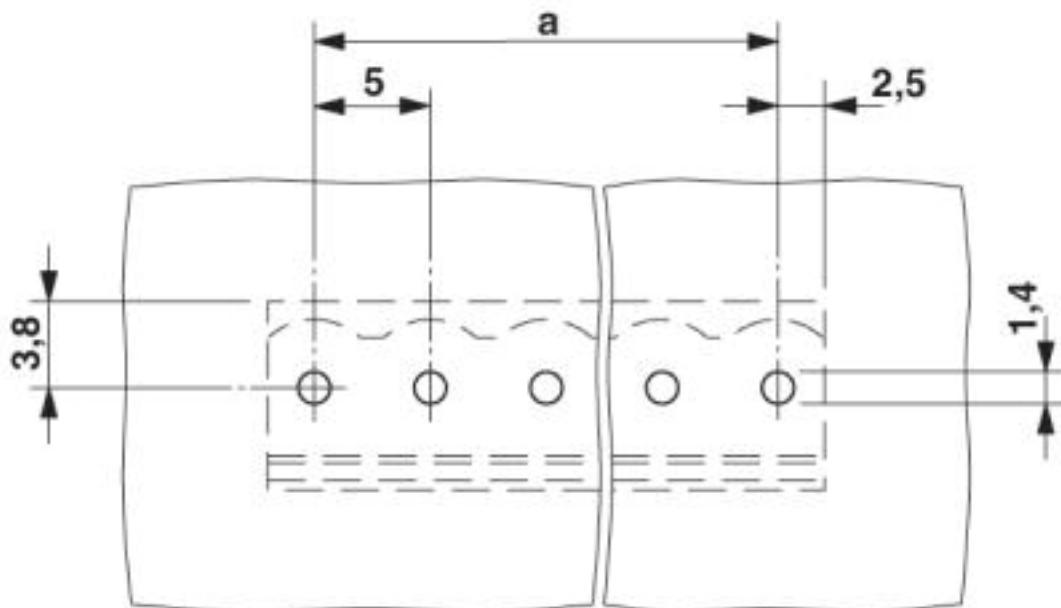
#### Environmental Product Compliance

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

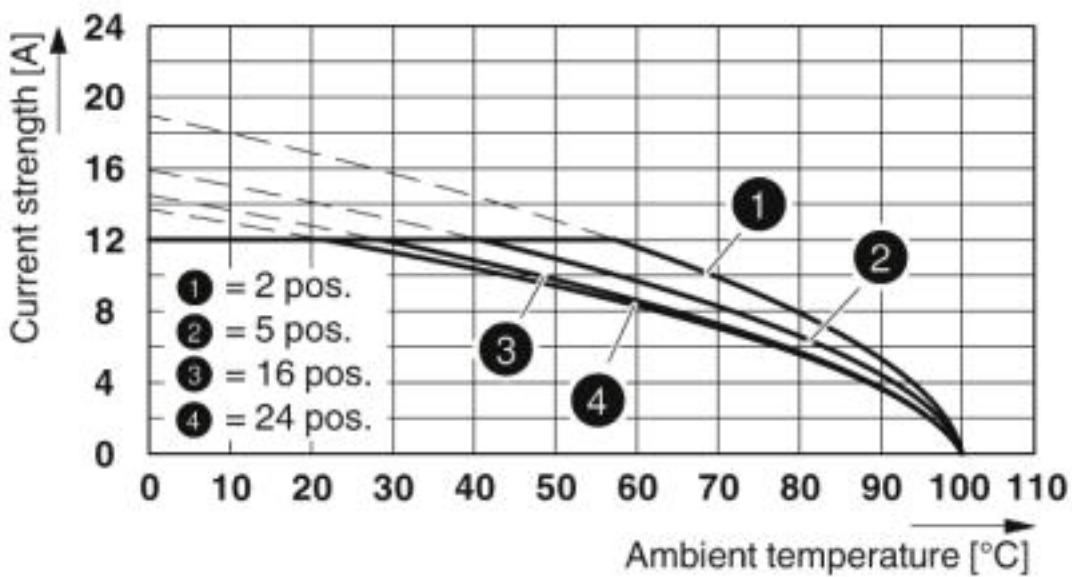
#### Drawings

## Feed-through header - MSTBV 2,5/17-G - 1753738

Drilling diagram



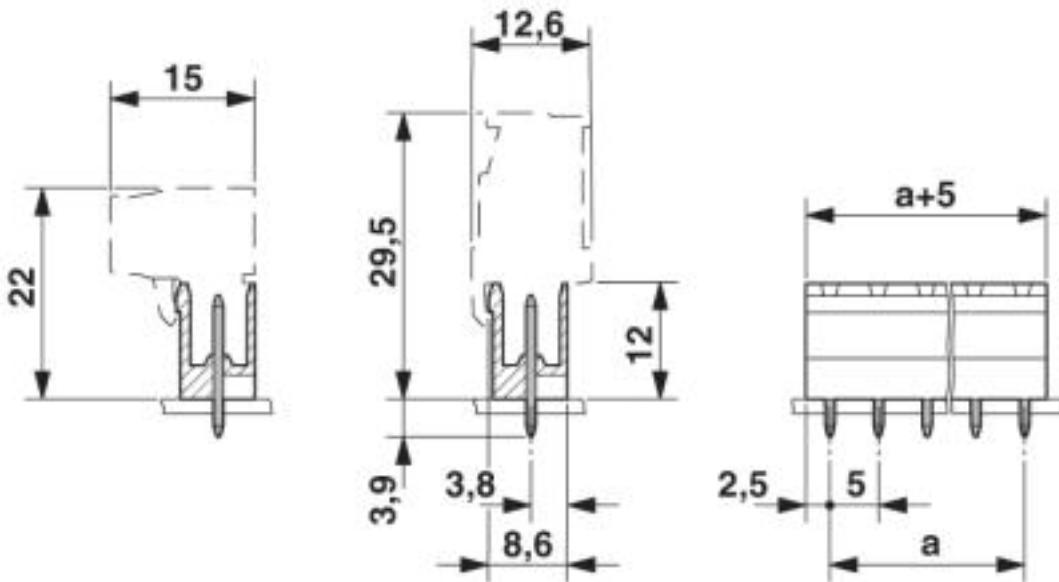
Diagram



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

## Feed-through header - MSTBV 2,5/17-G - 1753738

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
UNSPSC 11	39121409

## Feed-through header - MSTBV 2,5/17-G - 1753738

### Classifications

#### UNSPSC

UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

### Approvals

#### Approvals

---

#### Approvals

CSA / IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

---

#### 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	12 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		

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/&lt;br/&gt;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		

## Feed-through header - MSTBV 2,5/17-G - 1753738

### Approvals

EAC		B.01742
-----	---	---------

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
Nominal voltage UN	B	300 V	D
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

---

#### 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

## Feed-through header - MSTBV 2,5/17-G - 1753738

### Accessories

---

#### Additional products

Printed-circuit board connector - FKCN 2,5/17-ST - 1732881



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

Printed-circuit board connector - MSTB 2,5/17-ST - 1754740



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 - MSTBP 2,5/17-ST - 1765920



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 - SMSTB 2,5/17-ST - 1768901



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 - FRONT-MSTB 2,5/17-ST - 1779563



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

## Feed-through header - MSTBV 2,5/17-G - 1753738

### Accessories

Printed-circuit board connector - MVSTBR 2,5/17-ST - 1792168



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-ST - 1792676



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

---

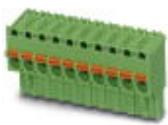
Printed-circuit board connector - FKCT 2,5/17-ST - 1909362



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

---

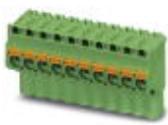
Printed-circuit board connector - FKCVR 2,5/17-ST - 1909867



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

---

Printed-circuit board connector - FKCVW 2,5/17-ST - 1910186



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

## Feed-through header - MSTBV 2,5/17-G - 1753738

### Accessories

Printed-circuit board connector - FKC 2,5/17-ST - 1910500



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

---

Printed-circuit board connector - FKCS 2,5/17-ST - 1974889



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

---

---