

Feed-through header - MSTBV 2,5/ 8-G - 1753550

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>)

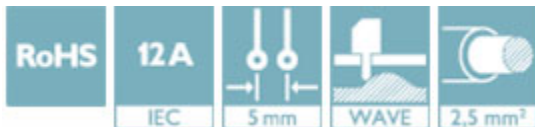
PCB headers, nominal current: 12 A, number of positions: 8, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering




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	100 pc
GTIN	 4 017918 028435
GTIN	4017918028435
Weight per Piece (excluding packing)	2.800 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Width	40 mm
Pitch	5 mm

Feed-through header - MSTBV 2,5/ 8-G - 1753550

Technical data

Dimensions

Dimension a	35 mm
Width [w]	40 mm
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/..-G
Insulating material group	I
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	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	8

Standards and Regulations

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

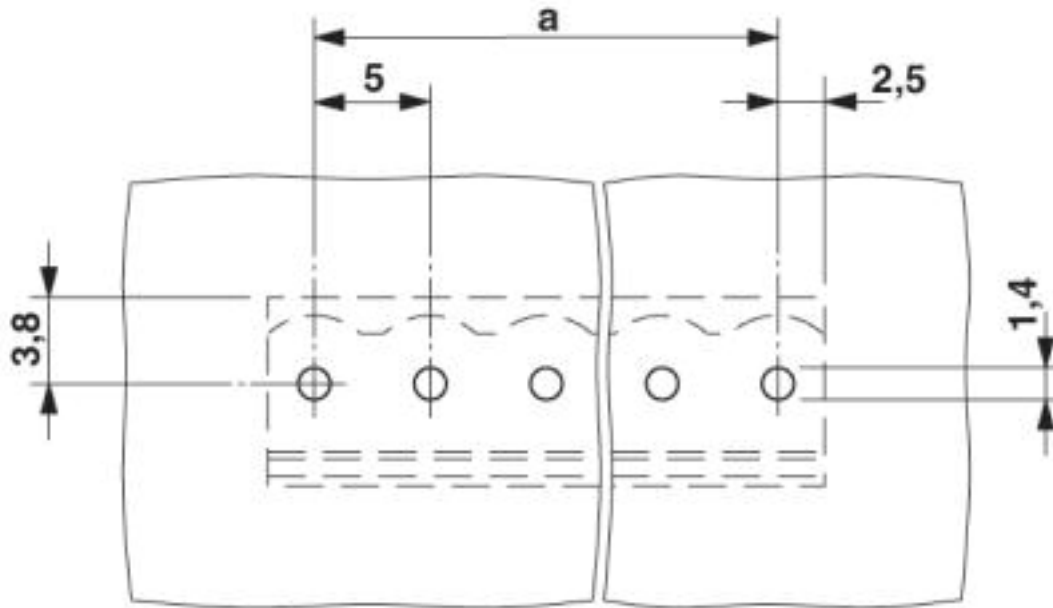
Environmental Product Compliance

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

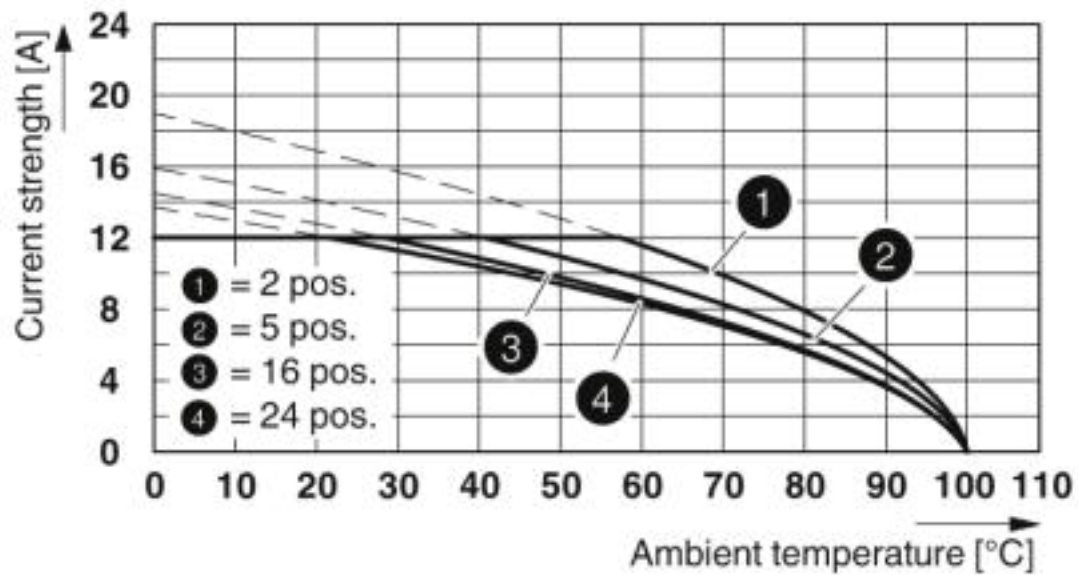
Drawings

Feed-through header - MSTBV 2,5/ 8-G - 1753550

Drilling diagram



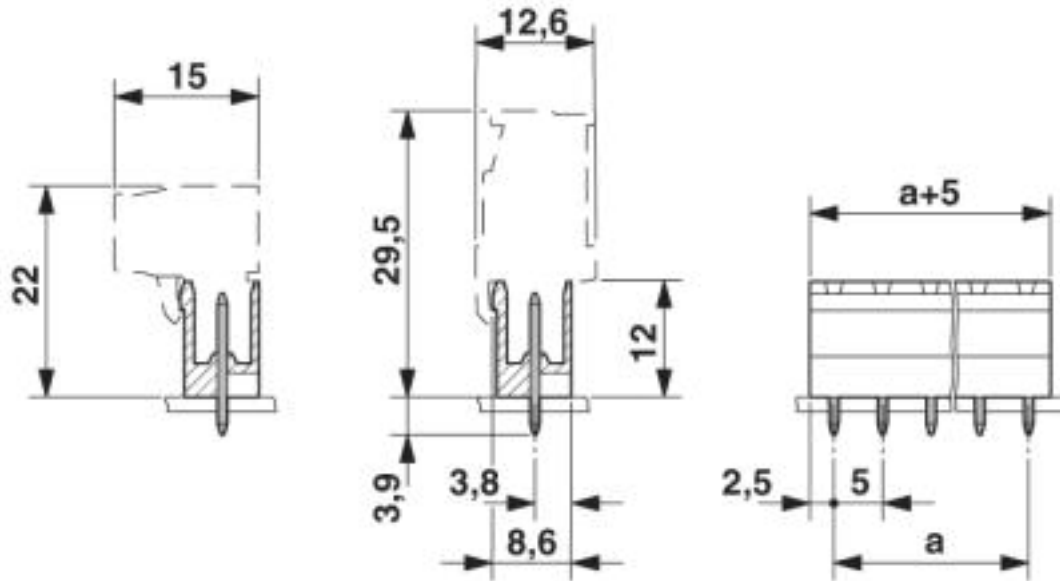
Diagram



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

Feed-through header - MSTBV 2,5/ 8-G - 1753550

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/ 8-G - 1753550

Classifications

UNSPSC

UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals


Approvals


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

Ex Approvals

Approval details


CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	12 A	10 A	


IECEE CB Scheme		http://www.iecee.org/	DE1-60988-B1B2
Nominal voltage UN	250 V		
Nominal current IN	12 A		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701
Nominal voltage UN	250 V		
Nominal current IN	12 A		

Feed-through header - MSTBV 2,5/ 8-G - 1753550

Approvals

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

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	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

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/ 8-G - 1753550

Accessories

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

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

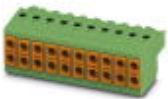
Additional products

Printed-circuit board connector - TVFKC 1,5/ 8-ST - 1713897



PCB connector, nominal current: 10 A, number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - TVFKCL 1,5/ 8-ST - 1715989



PCB connector, nominal current: 10 A, number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Feed-through header - MSTBV 2,5/ 8-G - 1753550

Accessories

Plug - QC 1,5/ 8-ST - 1718025



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Displacement connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 8-ST - 1732807



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 8-ST - 1754562



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 8-STZ - 1758982



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/ 8-ST - 1765836



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Feed-through header - MSTBV 2,5/ 8-G - 1753550

Accessories

Plug - SMSTB 2,5/ 8-ST - 1768448



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/ 8-ST - 1779479



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin

Printed-circuit board connector - MSTBT 2,5/ 8-ST - 1779893



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 8-STEH - 1784309



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/ 8-ST - 1792074



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Feed-through header - MSTBV 2,5/ 8-G - 1753550

Accessories

Printed-circuit board connector - MVSTBW 2,5/ 8-ST - 1792582



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 8-ST - 1909278



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 8-ST - 1909773



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 8-ST - 1910092



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5/ 8-ST - 1910416



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Feed-through header - MSTBV 2,5/ 8-G - 1753550

Accessories

Printed-circuit board connector - FKCS 2,5/ 8-ST - 1974795



PCB connector, nominal current: 12 A, number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin