

Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

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>)

Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, Color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

Why buy this product

- ✓ 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
- ✓ Screwable flange for superior mechanical stability



Key Commercial Data

Packing unit	100 STK
GTIN	 4 017918 039295
GTIN	4017918039295
Weight per Piece (excluding packing)	3.960 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Pitch	5.08 mm
Dimension a	30.48 mm
Width [w]	45.72 mm
Constructional height	12 mm
Height [h]	12 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm

Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

Technical data

Dimensions

Hole diameter	1.4 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	7

Standards and Regulations

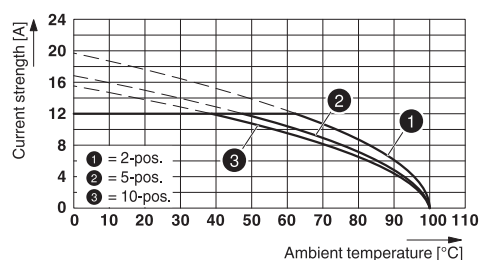
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

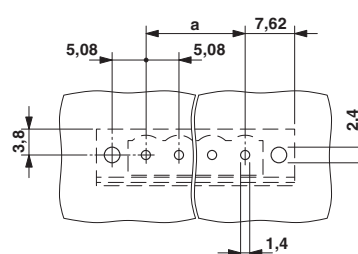
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Diagram



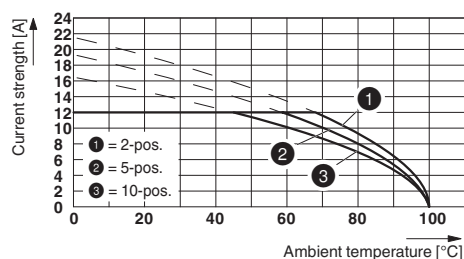
Drilling diagram



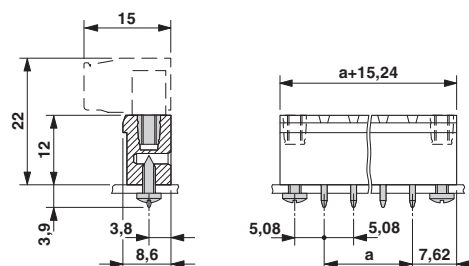
Type: TVMSTB 2,5/...-STF-5,08 with MSTBV 2,5/...-GF-5,08

Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

Diagram



Dimensional drawing



Type: TFKC 2,5/...-STF-5,08 with MSTBV 2,5/...-GF-5,08

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
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

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

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

Ex Approvals

Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

Approvals

Approval details

CSA		13631
	B	D
Nominal current I _N	12 A	10 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40004701
Nominal current I _N		12 A	
Nominal voltage U _N		250 V	

RS		http://www.rs-head.spb.ru/en/index.php	10.04059.250
----	---	---	--------------

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2
Nominal current I _N		12 A	
Nominal voltage U _N		250 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	B	D	
Nominal current I _N	12 A	10 A	
Nominal voltage U _N	300 V	300 V	

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

DNV GL	http://exchange.dnv.com/tari/	TAE00001EY
--------	---	------------

Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

Accessories

Accessories

Coding element

Coding star - 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 5,08/3,8:FORTL.ZAHLEN - 0804293



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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

Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

Accessories

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Additional products

Printed-circuit board connector - TVMSTB 2,5/ 7-STF-5,08 - 1719147



Plug component, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 7, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 7-STF-5,08 - 1754843



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/ 7-STF-5,08 - 1777853



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Front screw connection, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 7-STF-5,08 - 1778030



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

Accessories

Printed-circuit board connector - MSTBT 2,5/ 7-STF-5,08 - 1805356

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/ 7-STZF-5,08 - 1809789

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



Printed-circuit board connector - MVSTBW 2,5/ 7-STF-5,08 - 1834958

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/ 7-STF-5,08 - 1835148

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - TMSTBP 2,5/ 7-STF-5,08 - 1853159

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module.



Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

Accessories

Printed-circuit board connector - FKC 2,5/ 7-STF-5,08 - 1873252

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



Printed-circuit board connector - FKCVW 2,5/ 7-STF-5,08 - 1873854

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



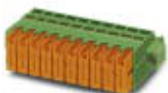
Printed-circuit board connector - FKCVR 2,5/ 7-STF-5,08 - 1874154

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



Printed-circuit board connector - QC 1/ 7-STF-5,08 - 1883404

Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 7, pitch: 5.08 mm, connection method: Displacement connection, Color: green, contact surface: Tin



Printed-circuit board connector - FKCT 2,5/ 7-STF-5,08 - 1902356

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



Base strip - MSTBV 2,5/ 7-GF-5,08 - 1777125

Accessories

Printed-circuit board connector - TFKC 2,5/ 7-STF-5,08 - 1962749



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/ 7-STF-5,08 - 1971112



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FKCS 2,5/ 7-STF-5,08 - 1975312



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin