

## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553

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
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Screwable flange for superior mechanical stability



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 038724
GTIN	4017918038724
Weight per Piece (excluding packing)	4.600 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	12 mm
Pitch	5.08 mm
Dimension a	30.48 mm
Width [ w ]	45.72 mm

## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553

### Technical data

#### Dimensions

Constructional height	8.6 mm
Height [ h ]	12.1 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

Range of articles	MSTB 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

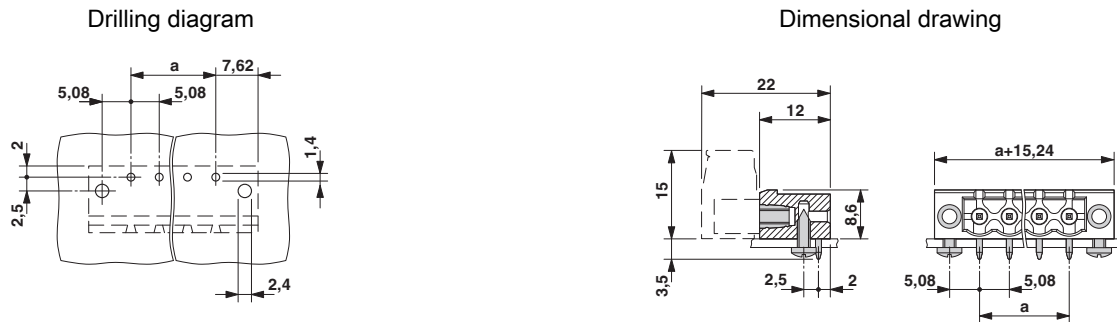
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

#### Environmental Product Compliance

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

### Drawings

## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553



### 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 / IEC60384-1 CB Scheme / cULus Recognized / EAC / DNV GL


## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553

### Approvals


Ex Approvals


#### Approval details

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
		B	D
Nominal current IN		10 A	10 A
Nominal voltage UN		300 V	300 V

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40004701
Nominal current IN		12 A	
Nominal voltage UN		250 V	

RS		<a href="http://www.rs-head.spb.ru/en/index.php">http://www.rs-head.spb.ru/en/index.php</a>	10.04059.250
----	---	---	--------------

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58978-B1B2
Nominal current IN		12 A	
Nominal voltage UN		250 V	

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
		B	D
Nominal current IN		15 A	15 A
Nominal voltage UN		300 V	150 V

## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553

### Approvals

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

DNV GL	<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	TAE00001EY
--------	---	------------

### 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

#### Additional products

## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553

### Accessories

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

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

## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553

### Accessories

#### 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 [mm<sup>2</sup>] 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.

#### 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

## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553

### Accessories

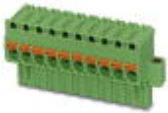
Printed-circuit board connector - FKCVW 2,5/ 7-STF-5,08 - 1873854



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

---

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

---



## Base strip - MSTB 2,5/ 7-GF-5,08 - 1776553

### Accessories

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



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[1212619](#) [3240366](#) [1893300](#) [1401029](#) [1773093](#) [2814045](#) [2989433](#) [2963886](#) [2966537](#) [2313944](#) [2834546](#) [2834407](#) [1687312](#) [3056145](#)  
[1775619](#) [1618261](#) [1674998](#) [2858894](#) [443023](#) [2905235](#) [2833547](#) [3240098](#) [2905234](#) [FFKDS/V-2.54](#) [0201391](#) [0201595](#) [7001438](#)  
[MICROFOX-R](#) [PLC-RSP- 24DC/21-21](#) [PR1-RSC3-LDP-24DC/21](#) [PR1-RSC3-LV-120AC/2X21](#) [PSI-MOS-DNET CAN/FO 660/BM](#) [PSM-](#)  
[SET-FSMA/4-KT](#) [PSR-SCF-120UC/URM/2X21](#) [PT 4-DIO 1N 5408/L-R](#) [PT 4-FSI/F-LED 12](#) [1202580](#) [1203534](#) [1205985](#) [1206308](#) [1201798](#)  
[1207420](#) [1207886](#) [1208461](#) [1208843](#) [1206188](#) [1212066](#) [1212096](#) [1212171](#) [1212250](#)