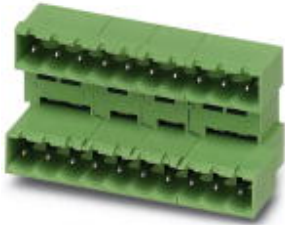


## Base strip - MDSTBA 2,5/ 7-G - 1846564

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>)

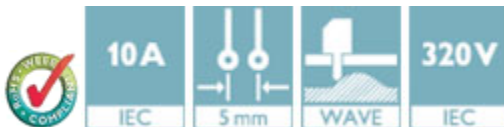


The figure shows a 10-position version of the product

Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

### Product Features

- Plug-in direction parallel to the PCB
- Double-level header with offset levels
- Improved view and access to lower level
- High contact density
- Add-on ejectors for high-pos. connectors should be mounted to the left and right



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	11.71 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	22.1 mm
Pitch	5.00 mm
Dimension a	30 mm
Constructional height	24 mm
Length of the solder pin	3.2 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

## Base strip - MDSTBA 2,5/ 7-G - 1846564

### Technical data

#### General

Range of articles	MDSTBA 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>	10 A
Maximum load current	10 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
	CUL
Flammability rating according to UL 94	V0

### 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

# Base strip - MDSTBA 2,5/ 7-G - 1846564

## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / EAC / cULus Recognized / EAC

#### Ex Approvals

#### Approvals submitted

## Approval details

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	250 V

IECEE CB Scheme 	
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	250 V

EAC
-----

## Base strip - MDSTBA 2,5/ 7-G - 1846564

### Approvals

cULus Recognized		
	B	D
Nominal current I <sub>N</sub>	15 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

EAC
-----

### 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 5/3,8: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: 5 x 3.8 mm

### Additional products

## Base strip - MDSTBA 2,5/ 7-G - 1846564

### Accessories

#### Printed-circuit board connector - TVFKC 1,5/ 7-ST - 1713884



Plug component, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

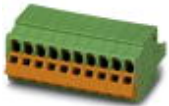
#### Printed-circuit board connector - TVFKCL 1,5/ 7-ST - 1715976



Plug component, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

#### Plug - QC 1,5/ 7-ST - 1718012



Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 5 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - FKCN 2,5/ 7-ST - 1732797



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - MSTB 2,5/ 7-ST - 1754546



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - MDSTBA 2,5/ 7-G - 1846564

### Accessories

#### Printed-circuit board connector - MSTBP 2,5/ 7-ST - 1765823



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - SMSTB 2,5/ 7-ST - 1768817



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - FRONT-MSTB 2,5/ 7-ST - 1779466



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MSTBT 2,5/ 7-ST - 1779880



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MVSTBR 2,5/ 7-ST - 1792061



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - MDSTBA 2,5/ 7-G - 1846564

### Accessories

#### Printed-circuit board connector - MVSTBW 2,5/ 7-ST - 1792579



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - FKCT 2,5/ 7-ST - 1909265



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - FKCVR 2,5/ 7-ST - 1909760



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - FKCVW 2,5/ 7-ST - 1910089



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - FKC 2,5/ 7-ST - 1910403



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

## Base strip - MDSTBA 2,5/ 7-G - 1846564

### Accessories

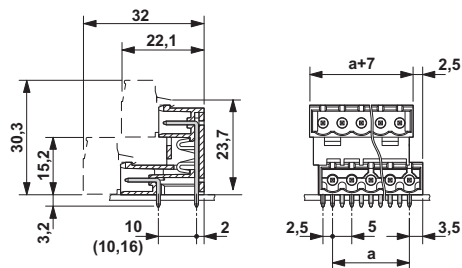
Printed-circuit board connector - FKCS 2,5/ 7-ST - 1974782

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



### Drawings

Dimensional drawing



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1846564](#)