

<https://www.phoenixcontact.com/cn/products/1952500>



## Base strip - MCDNV 1,5/ 2-G1-3,5 RNP14THR - 1952500

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, Article with engagement nose. The pin length is 14 mm. User information and design recommendations on Through Hole Reflow Technology can be found at "Downloads"


The figure shows a 10-pos. version with 20 contacts

### Why buy this product

- Designed for integration into the SMT soldering process
- Intuitive locking mechanism prevents accidental disconnection
- Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 919610
GTIN	4017918919610
Custom tariff number	8536909000
Sales Key	AAAEGB

### Technical data

#### Dimensions

Length	15.2 mm
Pitch	3.5 mm
Dimension a	3.5 mm
Width	10.7 mm
Constructional height	13.3 mm
Height	14.7 mm
Length of the solder pin	1.4 mm
Pin dimensions	0,8 x 0,8
Pin spacing	8.30 mm

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### Technical data

#### Dimensions

Hole diameter	1.4 mm
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#### General

Range of articles	MCDNV 1,5/..-G1-RN-THR
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Maximum load current	8 A (per position)
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	2

#### General information

Type of note	Details for soldering processes
Note	Processing using reflow processes in compliance with IEC 60068-2-58 or DIN EN 61760-1 (latest version) Moisture Sensitive Level (MSL) = 1 according to IPC/JEDEC J-STD-020-C

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
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

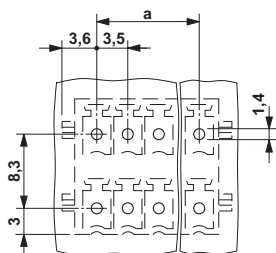
### Drawings

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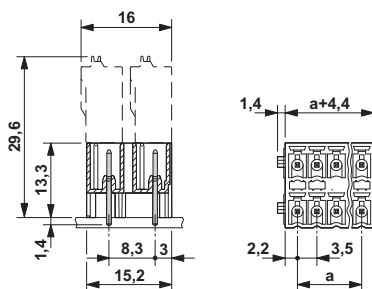


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Drilling diagram



Dimensional drawing



## Approvals

### Approvals

#### Approvals

VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IEC EE CB Scheme / EAC

#### Ex Approvals

### Approval details

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>	40011723
Nominal current I <sub>N</sub>	8 A		
Nominal voltage U <sub>N</sub>	160 V		

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>	E60425-20110128
	B	D	
Nominal current I <sub>N</sub>	8 A	8 A	
Nominal voltage U <sub>N</sub>	150 V	150 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56063-B1B2
Nominal current I <sub>N</sub>	8 A		
Nominal voltage U <sub>N</sub>	160 V		

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### Approvals

EAC



B.01742

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