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Especialistas en Automatización

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## Housing - MCDN 1,5/ 2-G1-3,5 P14THR - 1953907

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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, The pin length is 1.4 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
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- Conductor connection on several levels enables higher contact density



### Key Commercial Data

Packing unit	50 STK
GTIN	

### Technical data

#### Dimensions

Length	13.3 mm
Pitch	3.50 mm
Dimension a	3.5 mm
Constructional height	16 mm
Height	15.2 mm
Length of the solder pin	1.4 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	3.50 mm
Hole diameter	1.4 mm

#### General

Range of articles	MCDN 1,5/...G1-THR
Insulating material group	IIIa

# Housing - MCDN 1,5/ 2-G1-3,5 P14THR - 1953907

## Technical data

### General

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 <sub>N</sub>	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

### 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

### UNSPSC

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

# Housing - MCDN 1,5/ 2-G1-3,5 P14THR - 1953907

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted


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### Approval details

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

EAC
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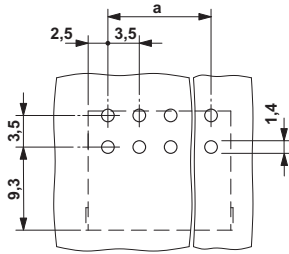
cULus Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	150 V	150 V

IECEE CB Scheme 	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

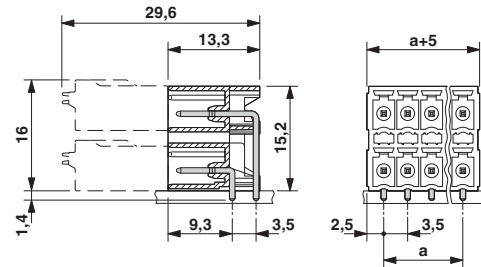
## Drawings

## Housing - MCDN 1,5/ 2-G1-3,5 P14THR - 1953907

Drilling diagram



Dimensional drawing



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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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Product	Code	Reference	Product link
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: SMD/THT/THR, The pin length is 1.4 mm. User information and design recommendations on Through Hole Reflow Technology can be found at: Downloads".	1953907	MCDN 1,5/ 2-G1-3,5 P14THR	