

## Base strip - MCV 0,5/ 9-G-2,5 THT - 1963609

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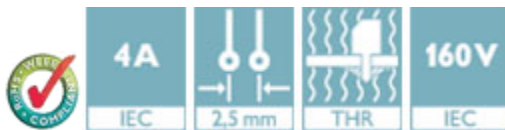


The figure shows a 10-position version of the product

Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

### Product Features

- Alternative pin lengths of 1.4 mm or 2.6 mm available on request
- Reel diameter: 330 mm, tape width: 44 mm
- Low-profile THR pin strips with a compact MICRO pitch of 2.5 mm
- Delivery form: box packaging, in bulk for small series
- Delivery form: tape-on-reel packing according to IEC 60286-3 for automated mounting
- Use in SMT reflow processes



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	3.92 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	8.1 mm
Pitch	2.50 mm
Dimension a	20 mm
Constructional height	10.1 mm
Height	10.1 mm

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### Technical data

#### Dimensions

Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	2.50 mm
Hole diameter	1.4 mm

#### General

Range of articles	MCV 0,5/...-G-THT
Insulating material group	IIIa
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	4 A
Maximum load current	4 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	9

#### 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

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### Classifications

#### 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

### Approvals

#### Approvals


##### Approvals


UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEx CB Scheme / CCA / EAC / cULus Recognized

##### Ex Approvals

##### Approvals submitted

#### Approval details


UL Recognized 	
	B
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	125 V


VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I <sub>N</sub>	4 A

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### Approvals


Nominal voltage UN	32 V
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cUL Recognized 	
	B
Nominal current IN	4 A
Nominal voltage UN	125 V

IECEE CB Scheme 	
Nominal current IN	4 A
Nominal voltage UN	32 V

CCA	
Nominal current IN	4 A
Nominal voltage UN	32 V

EAC
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cULus Recognized 	
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### Accessories

Accessories

Coding element

Coding profile - CP-MC 0,5 - 1881435



Coding profile, is inserted into the groove in the header, red insulating material

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Labeled terminal marker

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

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### Additional products

Printed-circuit board connector - FK-MC 0,5/ 9-ST-2,5 - 1881396

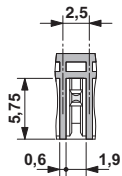


Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

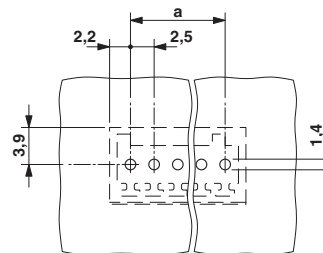
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### Drawings

Dimensional drawing

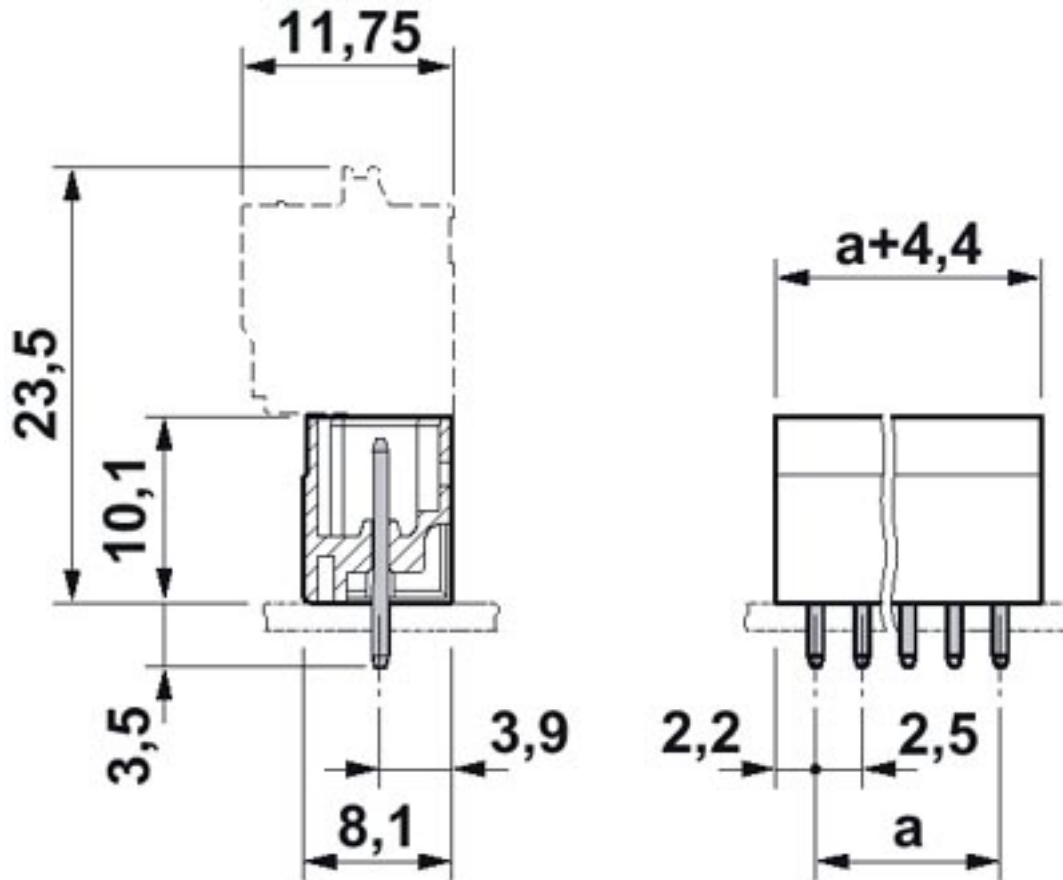


Drilling diagram



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Dimensional drawing



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