

## Base strip - MC 1,5/12-G-3,5 THT - 1937596

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Assembly: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"




The figure shows a 10-position version of the product

### Why buy this product

- Plug-in direction parallel to the PCB
- 3.5 mm pitch
- Low-profile THR headers with a compact pitch
- 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	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 890254
Weight per Piece (excluding packing)	3.96 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	9.2 mm
Pitch	3.5 mm
Dimension a	38.5 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

#### General

Range of articles	MC 1,5/...-G-THT
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## Technical data

### General

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 <sub>N</sub>	8 A
Maximum load current	8 A (per position)
Insulating material	PA-GF
Inflammability class according to UL 94	V0
Color	black
Number of positions	12

## 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

### 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

# Base strip - MC 1,5/12-G-3,5 THT - 1937596

## Approvals


Approvals

VDE Gutachten mit Fertigungsüberwachung / GOST / IECCE CB Scheme / UL Recognized / cUL Recognized / GOST / CCA / cULus Recognized

Ex Approvals


Approvals submitted

## Approval details


VDE Gutachten mit Fertigungsüberwachung 

Nominal current IN	8 A
Nominal voltage UN	160 V


GOST 

IECEE CB Scheme 

Nominal current IN	8 A
Nominal voltage UN	160 V

UL Recognized 

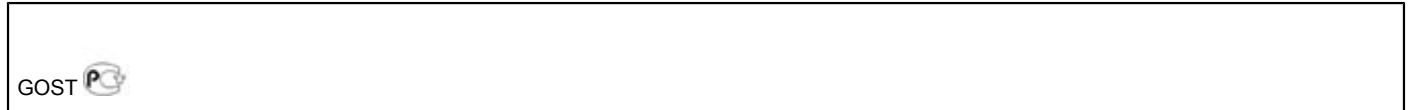
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

cUL Recognized 

	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

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## Approvals

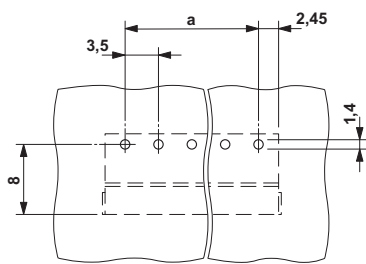


CCA	
Nominal current $I_N$	8 A
Nominal voltage $U_N$	160 V

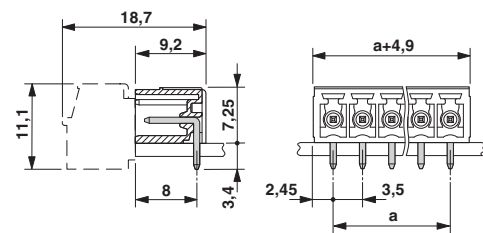


## Drawings

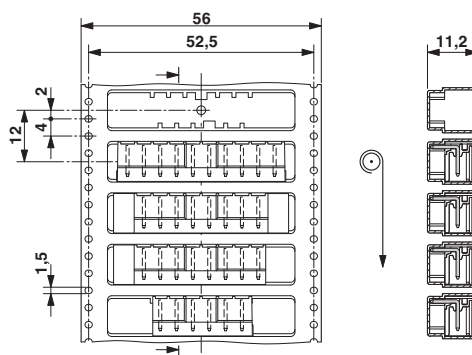
Drilling diagram



Dimensioned drawing

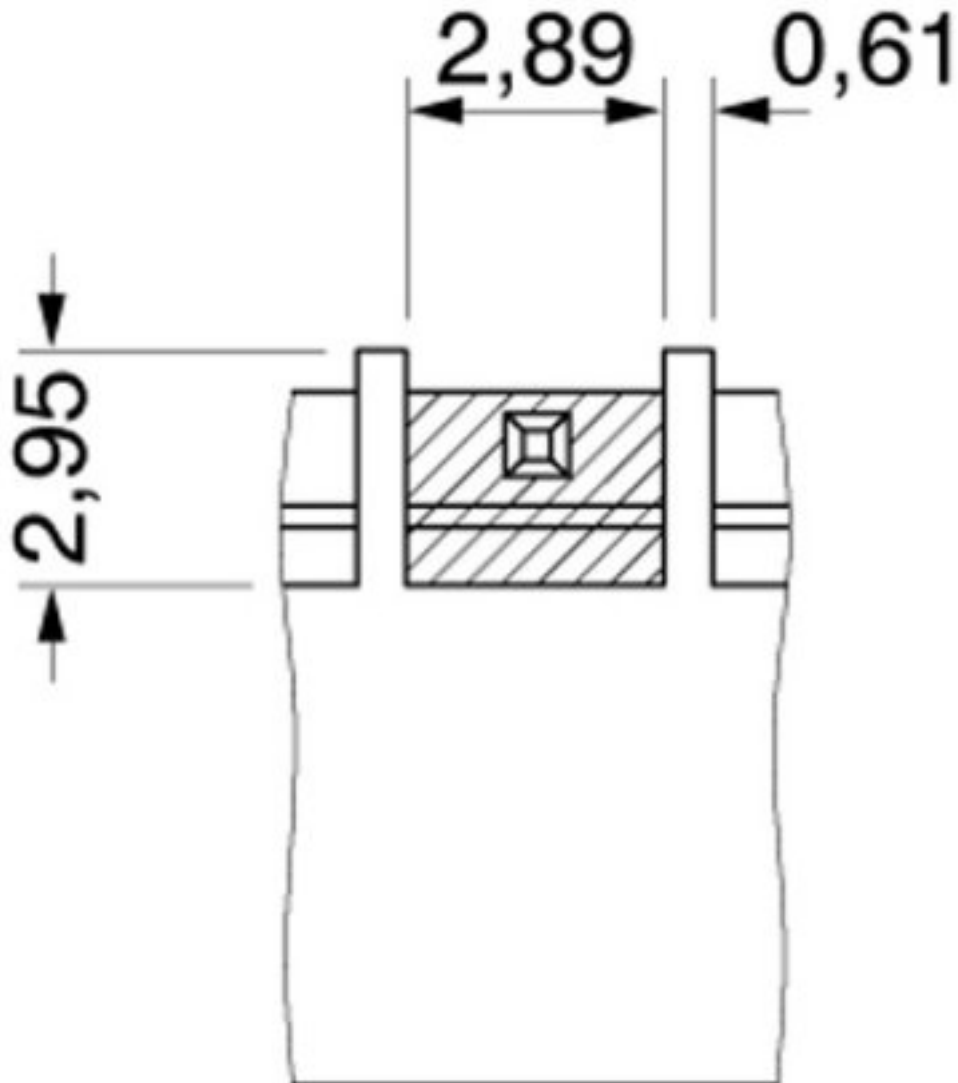


Dimensioned drawing



## Base strip - MC 1,5/12-G-3,5 THT - 1937596

Dimensioned drawing



Bottom view, free space for solder paste, 0.3 mm deep