

Base strip - MC 0,5/ 5-G-2,5 THT - 1963450

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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: 5, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Why buy this product

- ✓ Alternative pin lengths of 1.4 mm or 2.6 mm available on request
- ✓ Low-profile THR pin strips with a compact MICRO pitch of 2.5 mm
- ✓ Reel diameter: 330 mm, tape width: 44 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	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 912284
Weight per Piece (excluding packing)	1.37 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	10.1 mm
Height	8.1 mm
Pitch	2.5 mm
Dimension a	10 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	2.50 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	MC 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
Inflammability class according to UL 94	V0
Color	black
Number of positions	5

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

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Approvals

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC EE CB Scheme / CCA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
	B
Nominal current I _N	4 A
Nominal voltage U _N	125 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I _N	4 A
Nominal voltage U _N	32 V

cUL Recognized 	
	B
Nominal current I _N	4 A
Nominal voltage U _N	125 V

IECEE CB Scheme 	
Nominal current I _N	4 A
Nominal voltage U _N	32 V

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CCA	
Nominal current I _N	4 A
Nominal voltage U _N	32 V



Accessories

Accessories

Coding element

Coding profile - CP-MC 0,5 - 1881435



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

Labeled terminal marker

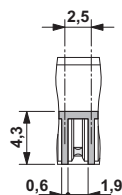
Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



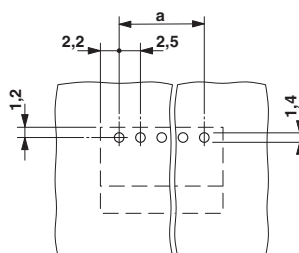
Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

Drawings

Dimensioned drawing



Drilling diagram



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Dimensioned drawing

