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Especialistas en Automatización

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# Printed-circuit board connector - MC 0,5/ 6-G-2,5 THT R44 - 1963683

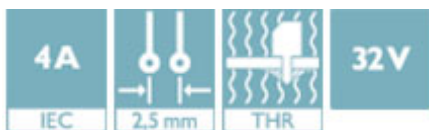
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Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

## Why buy this product

- 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	330 STK
Minimum order quantity	330 STK
GTIN	 4 017918 943134

## Technical data

### Dimensions

Length	10.1 mm
Pitch	2.50 mm
Dimension a	12.5 mm
Constructional height	9 mm
Height	8.1 mm
Length of the solder pin	3.8 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	2.50 mm
Hole diameter	1.4 mm

### General

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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 <sub>N</sub>	4 A
Maximum load current	4 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	6

### 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

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## Classifications

### UNSPSC

UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized	
	B
Nominal current IN	4 A
Nominal voltage UN	125 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	4 A
Nominal voltage UN	32 V

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

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## Approvals

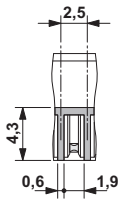
IECEE CB Scheme	
Nominal current IN	4 A
Nominal voltage UN	32 V

CCA	
Nominal current IN	4 A
Nominal voltage UN	32 V

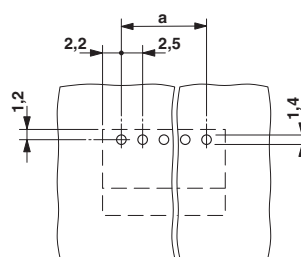
cULus Recognized	
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## Drawings

Dimensional drawing

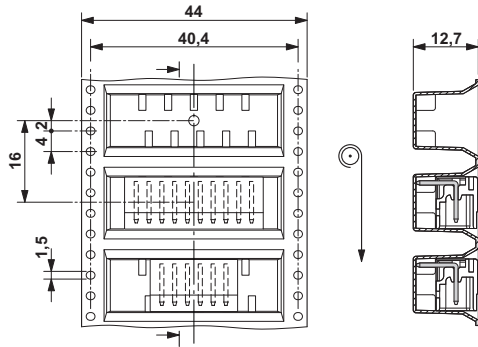


Drilling diagram

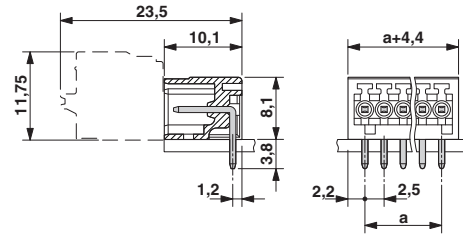


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Dimensional drawing



Dimensional drawing



Direction of the arrow = feeding direction

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Product	Code	Reference	Product link
Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 6, 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"	1963683	MC 0,5/ 6-G-2,5 THT R44	<a href="#">Buy on EAN</a>