

## Printed-circuit board connector - MC 0,5/ 7-G-2,5 THT R44 - 1963696

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Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 7, 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
- 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 pc
Minimum order quantity	330 pc
GTIN	 4 017918 943141
Weight per Piece (excluding packing)	3.18 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	10.1 mm
Height	8.1 mm
Pitch	2.5 mm
Dimension a	15 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 <sub>N</sub>	4 A
Maximum load current	4 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	black
Number of positions	7

## 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 / IEC60947-5 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

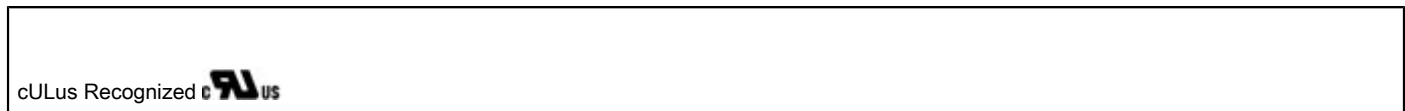
cUL Recognized	
	B
Nominal current IN	4 A
Nominal voltage UN	125 V

IEC60947-5 CB Scheme	
Nominal current IN	4 A
Nominal voltage UN	32 V

# Printed-circuit board connector - MC 0,5/ 7-G-2,5 THT R44 - 1963696

## Approvals

CCA	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	32 V



## Accessories

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#### 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

## Additional products

Printed-circuit board connector - FK-MC 0,5/ 7-ST-2,5 - 1881370

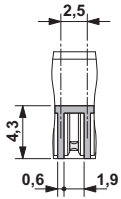


Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 2.5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

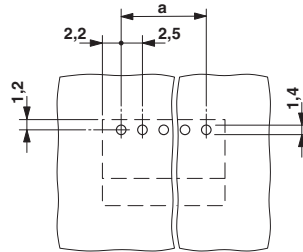
## Drawings

# Printed-circuit board connector - MC 0,5/ 7-G-2,5 THT R44 - 1963696

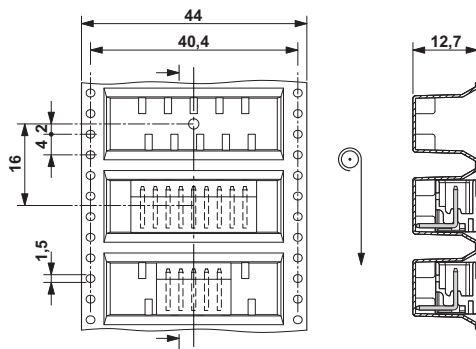
Dimensioned drawing



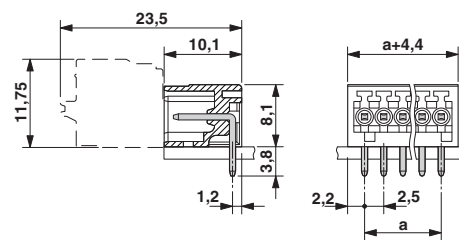
Drilling diagram



Dimensioned drawing



Dimensioned drawing



Direction of the arrow = feeding direction