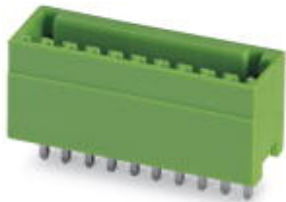


## Housing - MCV 0,5/12-G-2,5 - 1881655

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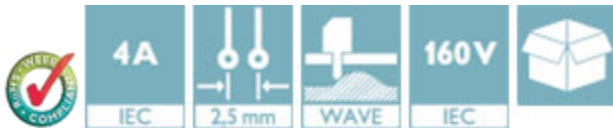


Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

The figure shows a 10-position version of the product

### Product Features

- Low-profile pin strips with a compact MICRO pitch of 2.5 mm
- Plug-in direction parallel and vertical to the PCB
- Individual position coding by inserting coding profiles



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	2.56 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	8.1 mm
Pitch	2.50 mm
Dimension a	27.5 mm
Width	31.9 mm
Constructional height	10.1 mm
Height	13.6 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 0,8 mm

# Housing - MCV 0,5/12-G-2,5 - 1881655

## Technical data

### Dimensions

Hole diameter	1.2 mm
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### General

Range of articles	MCV 0,5/...-G
Insulating material group	I
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)	80 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 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	green
Number of positions	12

### 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
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# Housing - MCV 0,5/12-G-2,5 - 1881655

## Classifications

### ETIM

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 / IECCEB Scheme / CCA / EAC / EAC / 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	80 V

# Housing - MCV 0,5/12-G-2,5 - 1881655

## Approvals

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

IECEE CB Scheme	
Nominal current IN	4 A
Nominal voltage UN	80 V

CCA	
Nominal current IN	4 A
Nominal voltage UN	80 V

EAC
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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



# Housing - MCV 0,5/12-G-2,5 - 1881655

## Accessories

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

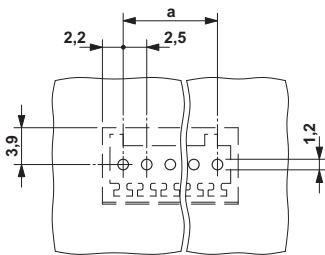
Printed-circuit board connector - FK-MC 0,5/12-ST-2,5 - 1881422



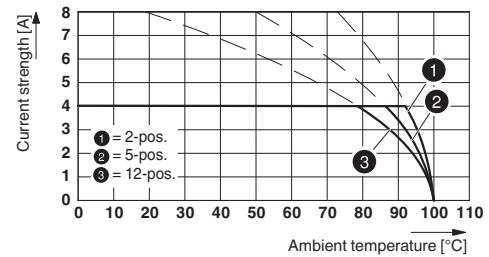
Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

## Drawings

Drilling diagram



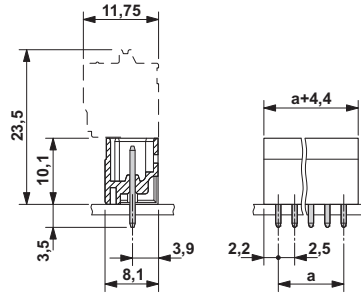
Diagram



Type: FK-MC 0,5/...-ST-2,5 with MCV 0,5/...-G-2,5

# Housing - MCV 0,5/12-G-2,5 - 1881655

Dimensional drawing



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