

## Base strip - EMCV 1,5/ 5-GF-3,81 - 1879311

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in




The figure shows a 10-position version of the product

### Why buy this product

- Press-in tools available on request
- Pin strips with ERNI-PRESS flexible press-in zone
- Plug-in direction horizontal and vertical to the PCB
- Processing according to EN 60352-5



### Key commercial data

Packing unit	50 pc
GTIN	 4 017918 173876
Weight per Piece (excluding packing)	2.27 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	7.25 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.45 mm

#### General

Range of articles	EMCV 1,5/..-GF
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV

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## Technical data

### General

Rated surge voltage (III/2)	2.5 kV
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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
Insulating material	PBT
Inflammability class according to UL 94	V0
Color	green
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

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

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

EAC

cULus Recognized		
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## Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



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### Accessories

#### Labeled terminal marker

Marker card - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

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### Mounting material

Accessories - EMCV 1,5-SS 1 - 1877274



Stamp set, consisting of upper and lower stamp for 3.81 mm pitch, 2 to 16-pos.

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Assembly adapters - EMC 1,5-SH - 1877258



Stamp holder, for upper and lower stamp

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### Additional products

Printed-circuit board connector - FRONT-MC 1,5/ 5-STF-3,81 - 1850880



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MCVW 1,5/ 5-STF-3,81 - 1828524

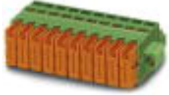


Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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### Accessories

#### Printed-circuit board connector - QC 0,5/ 5-STF-3,81 - 1897571



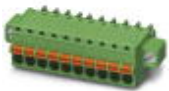
Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MCC 1/ 5-STZF-3,81 - 1852396



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

#### Printed-circuit board connector - FK-MCP 1,5/ 5-STF-3,81 - 1851261



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MCVR 1,5/ 5-STF-3,81 - 1828375



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MC 1,5/ 5-STF-3,81 - 1827732

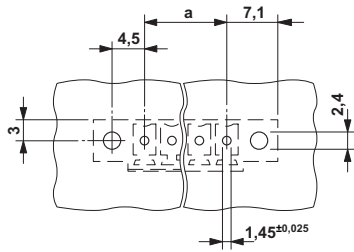


Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

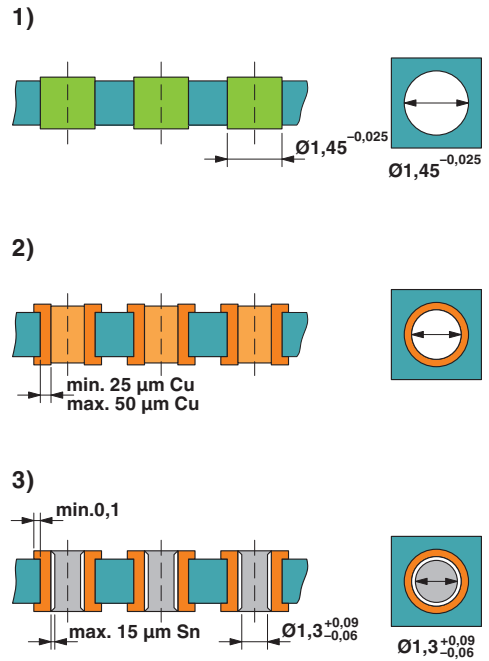
### Drawings

# Base strip - EMCV 1,5/ 5-GF-3,81 - 1879311

Drilling diagram

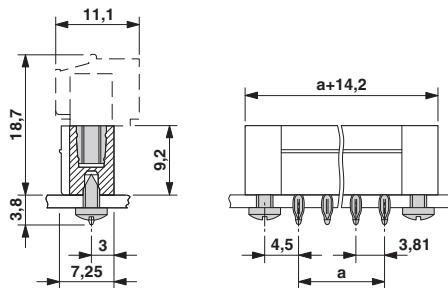


Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Dimensioned drawing



# Base strip - EMCV 1,5/ 5-GF-3,81 - 1879311

Diagram

Plug: MC 1,5/5-ST(F)-3,81(3,5)  
Header: EMCV 1,5/5-G(F)-3,81(3,5)

