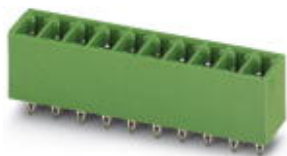


## Housing - EMCV 1,5/16-G-3,81 - 1860786

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, 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 133375
Weight per Piece (excluding packing)	3.94 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	57.15 mm
Constructional height	10 mm
Length of the solder pin	3.8 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.45 mm

#### General

Range of articles	EMCV 1,5/...-G
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# Housing - EMCV 1,5/16-G-3,81 - 1860786

## Technical data

### General

Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
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 $I_N$	8 A
Maximum load current	8 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	16

## 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

### Approvals

## Housing - EMCV 1,5/16-G-3,81 - 1860786

### Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

EAC
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cULus Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

### 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

### 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

### Mounting material

## Housing - EMCV 1,5/16-G-3,81 - 1860786

### Accessories

Accessories - EMCV 1,5-SS 1 - 1877274



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

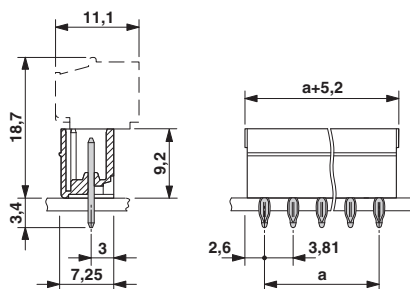
Assembly adapters - EMC 1,5-SH - 1877258



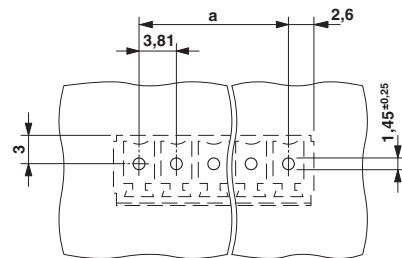
Stamp holder, for upper and lower stamp

### Drawings

Dimensional drawing

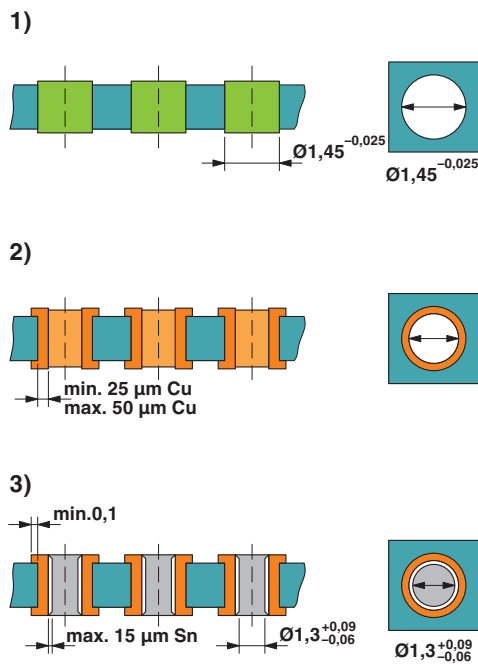


Drilling diagram



## Housing - EMCV 1,5/16-G-3,81 - 1860786

Drilling diagram



Drill hole layout in FR4 or EP-GC basic material