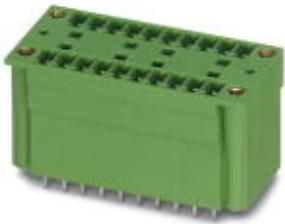


## Base strip - MCDV 1,5/13-G1F-3,81 - 1842872

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

The figure shows a 10-pos. version with 20 contacts

### Product Features

- Plug-in direction vertical to the PCB
- Low-profile double-level pin strips with high contact density



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	18.4 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	22.7 mm
Pitch	3.81 mm
Dimension a	45.72 mm
Constructional height	22 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

#### General

Range of articles	MCDV 1,5/..-G1F
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## Base strip - MCDV 1,5/13-G1F-3,81 - 1842872

### Technical data

#### General

Insulating material group	I
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)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	13

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
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

## Base strip - MCDV 1,5/13-G1F-3,81 - 1842872

### Classifications

#### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

### Approvals

#### Approvals

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#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC6 CB Scheme / CCA / EAC / cULus Recognized / EAC

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

CSA 	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	8 A
Nominal voltage UN	160 V

## Base strip - MCDV 1,5/13-G1F-3,81 - 1842872

### Approvals

cUL Recognized 		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

IECEE CB Scheme 		
Nominal current IN	8 A	
Nominal voltage UN	160 V	

CCA		
Nominal current IN	8 A	
Nominal voltage UN	160 V	

EAC		
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cULus Recognized		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

EAC		
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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



## Base strip - MCDV 1,5/13-G1F-3,81 - 1842872

### Accessories

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#### 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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### Additional products

Printed-circuit board connector - FMC 1,5/13-STF-3,81 - 1748464



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MC 1,5/13-STF-3,81 - 1827813



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - MCVR 1,5/13-STF-3,81 - 1828456



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - MCDV 1,5/13-G1F-3,81 - 1842872

### Accessories

Printed-circuit board connector - MCVW 1,5/13-STF-3,81 - 1828605



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - FRONT-MC 1,5/13-STF-3,81 - 1850961



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, Pitch: 3.81 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FK-MCP 1,5/13-STF-3,81 - 1851342



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MCC 1/13-STZF-3,81 - 1852477



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, 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)

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Printed-circuit board connector - QC 0,5/13-STF-3,81 - 1897652



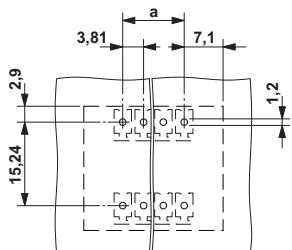
Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 13, Pitch: 3.81 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

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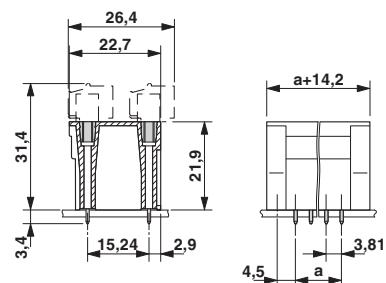
### Drawings

## Base strip - MCDV 1,5/13-G1F-3,81 - 1842872

Drilling diagram



Dimensional drawing



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