

## Base strip - MCV 1,5/ 6-G-3,81 - 1803468

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering




The figure shows a 10-position version of the product

### Why buy this product

- Plug-in direction parallel and vertical to the PCB
- Low-profile pin strips with compact pitches
- Individual position coding by inserting coding profiles
- 



### Key commercial data

Packing unit	100 pc
GTIN	 4 017918 045777
Weight per Piece (excluding packing)	1.74 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	7.25 mm
Height	12.6 mm
Width	24.25 mm
Pitch	3.81 mm
Dimension a	19.05 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

#### General

Range of articles	MCV 1,5/...-G
Insulating material group	IIIa

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### Technical data

#### General

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
Inflammability class according to UL 94	V0
Color	green
Number of positions	6

### 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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# Base strip - MCV 1,5/ 6-G-3,81 - 1803468

## Approvals


Approvals


CSA / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / CCA / EAC / cULus Recognized


Ex Approvals

Approvals submitted

## 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

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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# Base strip - MCV 1,5/ 6-G-3,81 - 1803468

## Approvals

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

## Additional products

Printed-circuit board connector - MCVW 1,5/ 6-ST-3,81 - 1827017



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/ 6-ST-3,81 - 1850709



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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### Accessories

Printed-circuit board connector - MC 1,5/ 6-ST-3,81 - 1803617



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 6-ST-3,81 - 1827169



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 0,5/ 6-ST-3,81 - 1897432



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

Base strip - IMCV 1,5/ 6-G-3,81 - 1875467



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - IMC 1,5/ 6-G-3,81 - 1862616



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering

# Base strip - MCV 1,5/ 6-G-3,81 - 1803468

## Accessories

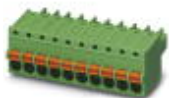
Printed-circuit board connector - MCC 1/ 6-STZ-3,81 - 1852215

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, 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)



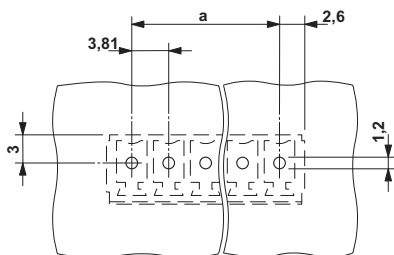
Printed-circuit board connector - FK-MCP 1,5/ 6-ST-3,81 - 1851083

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

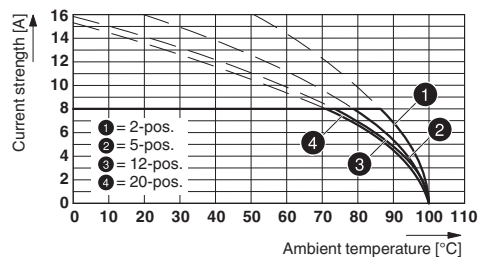


## Drawings

Drilling diagram



Diagram



Type: FRONT-MC 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81

Dimensional drawing

