



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

The figure shows a 10-position version of the product

### Why buy this product

- Outside: plug-in connection for corresponding plugs with 3.81 mm pitch
- Separate screw connection with the device/housing panel
- Headers for assembly in a device/housing panel
- Inside: optional solder or 2.8 mm slip-on plug-in connection



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 226 (CC-2011)
GTIN	 4 017918 051082
Custom tariff number	85366990
Country of origin	POLAND

### Technical data

#### Dimensions / positions

Pitch	3.81 mm
Dimension a	30.48 mm
Number of positions	9

#### Technical data

Range of articles	DFK-MC 1,5/..-GF
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/2)	160 V

## Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

### Technical data

#### Technical data

Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

#### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16

### Classifications

#### eClass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

#### etim

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

#### unspsc

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

# Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

## Approvals

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#### Approvals

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IECCEB Scheme / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

CSA		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	150 V

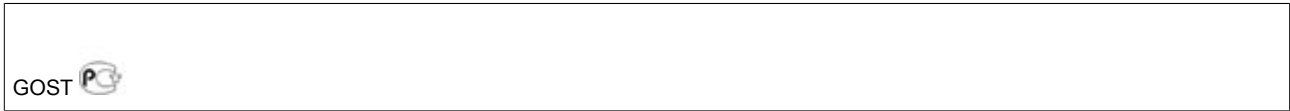
UL Recognized		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

VDE report with production monitoring		
mm <sup>2</sup> /AWG/kcmil	0.2-1.5	
Nominal current IN	8 A	
Nominal voltage UN	160 V	

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

# Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

## Approvals



IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	0.2-1.5
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V



## Accessories

### Accessories

### Assembly

Screw set - DFK-MC SS - 0710015



Screw set, for securing the header to the housing wall, consists of M2 x 8 screw, spring washer and nut, 1 piece each

### Marking

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



Marker cards, 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

### Plug/Adapter

## Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

### Accessories

Coding profile - CP-MSTB - 1734634



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

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### Tools

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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### Additional products

Printed-circuit board connector - MCVW 1,5/ 9-STF-3,81 - 1828566



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FRONT-MC 1,5/ 9-STF-3,81 - 1850929



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - QC 0,5/ 9-STF-3,81 - 1897610



Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

# Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

## Accessories

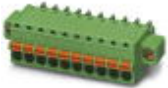
### Printed-circuit board connector - MCC 1/ 9-STZF-3,81 - 1852435

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, 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/ 9-STF-3,81 - 1851300

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin



### Printed-circuit board connector - MCVR 1,5/ 9-STF-3,81 - 1828414

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



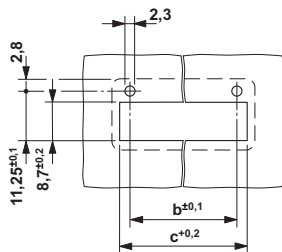
### Printed-circuit board connector - MC 1,5/ 9-STF-3,81 - 1827774

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

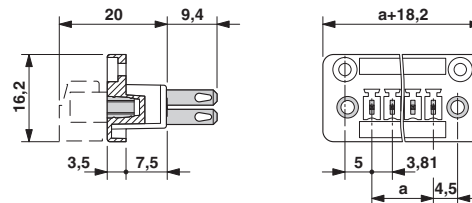


## Drawings

### Drilling diagram



### Dimensioned drawing



Dimension b: 6.19 mm + (no. of pos. x 3.81 mm)  
 Dimension c: Dim. b + 4.7 mm

