

## Header - DFK-MC 1,5/ 5-GF-3,81 - 1829374

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Feed-through header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 3.81 mm, connection method: Solder/Slip-on connection, color: green, contact surface: Tin, mounting: Direct mounting

The figure shows a 10-position version of the product

### Why buy this product

- Free choice – permanent solder connection or standardized slip-on connection
- Cable connection on the inside of the device enables flexible positioning of the panel feed-through



### Key Commercial Data

Packing unit	50 STK
GTIN	
GTIN	4017918051051

### Technical data

#### Dimensions

Length [ l ]	16.2 mm
Width [ w ]	33.44 mm
Height [ h ]	20.4 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Dimensions of slip-on connection	2,8 x 0,8 mm

#### General

Range of articles	DFK-MC 1,5/..-GF
Type of contact	Male connector
Number of positions	5
Connection method	Solder/Slip-on connection
Insulating material group	I

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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)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0

### 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 flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
Max. current slip-on connection	8 A
Dimensions of slip-on connection	2,8 x 0,8 mm

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

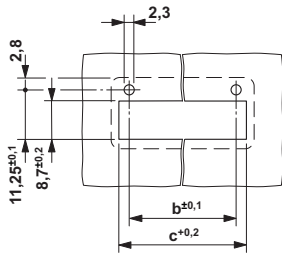
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

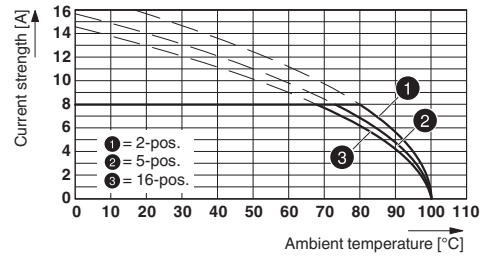
## Drawings

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Drilling diagram



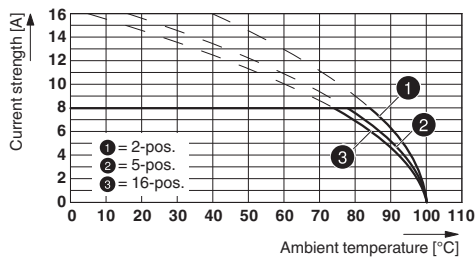
Diagram



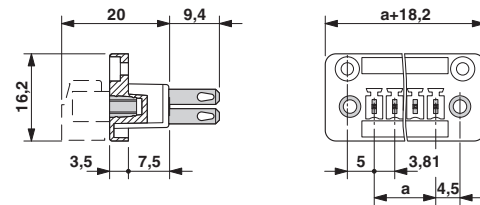
Dimension b: 6.19 mm + (no. of pos. x 3.81 mm)  
Dimension c: Dim. b + 4.7 mm

Type: MC 1,5/...-STF-3,81 with DFK-MC 1,5/...-GF-3,81 (with flat plug)

Diagram



Dimensional drawing



Type: MC 1,5/...-STF-3,81 with DFK-MC 1,5/...-GF-3,81 (with solder connection)

## Approvals

Approvals

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

Ex Approvals

## Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
Nominal current I <sub>N</sub>	8 A		
Nominal voltage U <sub>N</sub>	150 V		

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## Approvals

VDE Gutachten mit Fertigungsüberwachung		40011723
mm <sup>2</sup> /AWG/kcmil	0.2-1.5	
Nominal current IN	8 A	
Nominal voltage UN	160 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-59621-B1B2
mm <sup>2</sup> /AWG/kcmil	0.2-1.5		
Nominal current IN	8 A		
Nominal voltage UN	160 V		

CCA	CCA/ DE1 34219		
mm <sup>2</sup> /AWG/kcmil	0.2-1.5		
Nominal current IN	8 A		
Nominal voltage UN	160 V		

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20110128
	B	D	
Nominal current IN	8 A	8 A	
Nominal voltage UN	300 V	300 V	

EAC		B.01742
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