



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!



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## Feed-through header - DFK-MC 1,5/ 7-GF-3,81 - 1829390

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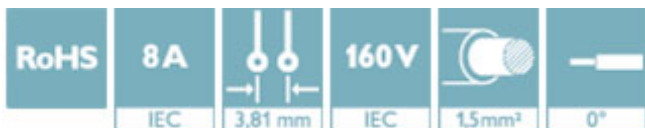


Feed-through header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 3.81 mm, connection method: Solder/Slip-on connection, color: green, contact surface: Tin, mounting: Direct mounting


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	 4 017918 051075
GTIN	4017918051075

### Technical data

#### Dimensions

Length [ l ]	16.2 mm
Width [ w ]	41.06 mm
Height [ h ]	20.4 mm
Pitch	3.81 mm
Dimension a	22.86 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	7
Connection method	Solder/Slip-on connection
Insulating material group	I

## Feed-through header - DFK-MC 1,5/ 7-GF-3,81 - 1829390

### 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

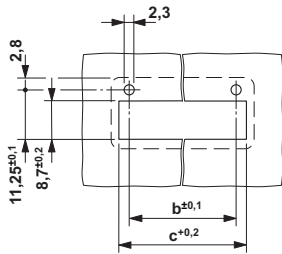
#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

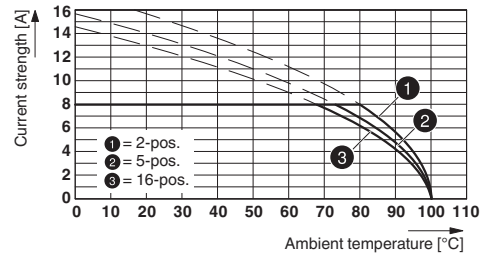
# Feed-through header - DFK-MC 1,5/ 7-GF-3,81 - 1829390

Drilling diagram



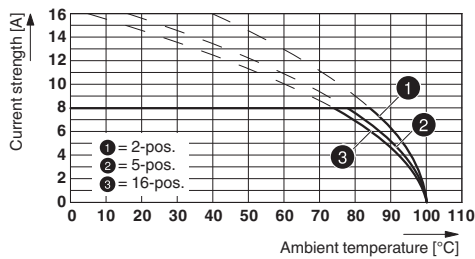
Dimension b: 6.19 mm + (no. of pos. x 3.81 mm)  
 Dimension c: Dim. b + 4.7 mm

Diagram



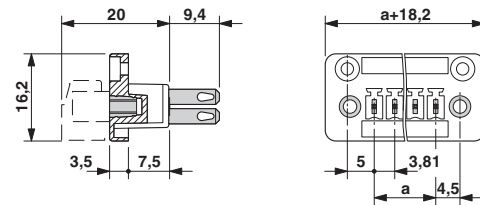
Type: MC 1,5/...-STF-3,81 with DFK-MC 1,5/...-GF-3,81 (with flat plug)

Diagram



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

Dimensional drawing



## Approvals

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / 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 voltage UN	150 V		
Nominal current IN	8 A		


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## Approvals

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40011723
Nominal voltage UN		160 V	
Nominal current IN		8 A	
mm <sup>2</sup> /AWG/kcmil		0.2-1.5	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60604-B1B2
Nominal voltage UN		160 V	
Nominal current IN		8 A	
mm <sup>2</sup> /AWG/kcmil		0.2-1.5	

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

EAC		B.01742
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