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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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# Printed-circuit board connector - MC 1,5/ 5-G-3,81 P14 THR - 1782381

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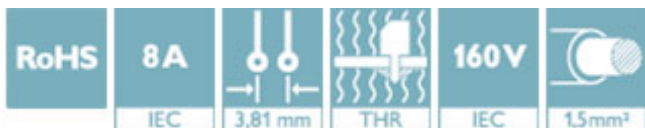
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: THR soldering



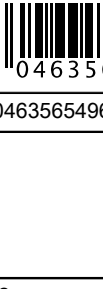
The figure shows a 10-position version of the product

## Why buy this product

- Designed for integration into the SMT soldering process
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



## Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 549615
GTIN	4046356549615

## Technical data

### Dimensions

Length [ l ]	9.2 mm
Width	20.44 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Width [ w ]	20.44 mm
Height [ h ]	8.3 mm
Constructional height	6.9 mm
Length of the solder pin	1.4 mm
Pin dimensions	0.8 x 0.8 mm
Length	9.2 mm

### General

Range of articles	MC 1,5/...G-THR
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## Technical data

### General

Insulating material group	IIIa
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
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	5

### Standards and Regulations

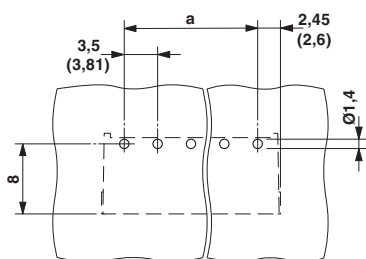
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

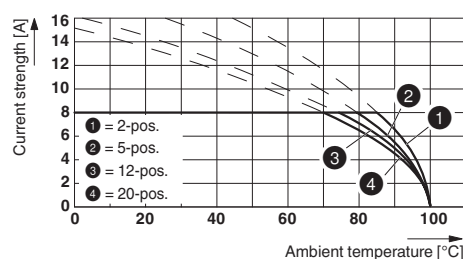
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



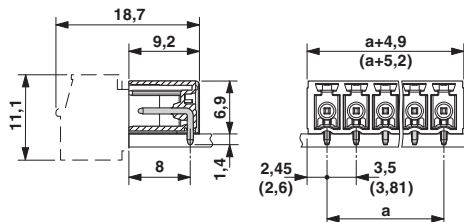
Diagram



Type: FK-MCP 1,5/...-ST(F)-3,81 with MC 1,5/...-G(F)-3,81 P.. THR(R...)

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Dimensional drawing



## Approvals

### Approvals

#### Approvals

VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IECCEB Scheme / EAC / VDE report with production monitoring

#### Ex Approvals

### Approval details

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		


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

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		

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## Approvals

EAC		B.01742
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VDE report with production monitoring		<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	

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