

# Printed-circuit board connector - MCV 1,5/ 8-GF-3,81 P26 THR - 1707696

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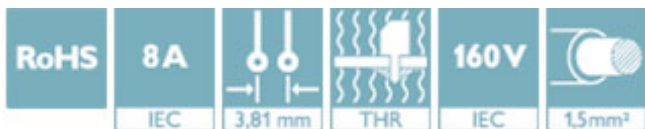
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 8, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



The figure shows a 10-position version of the product

## Why buy this product

- ✓ Designed for integration into the SMT soldering process
- ✓ Screwable flange for superior mechanical stability
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



## Key Commercial Data

Packing unit	50 STK
GTIN	
GTIN	4046356034395

## Technical data

### Dimensions

Length [ l ]	7.25 mm
Width	40.87 mm
Pitch	3.81 mm
Dimension a	26.67 mm
Width [ w ]	40.87 mm
Height [ h ]	11.8 mm
Constructional height	9.2 mm
Length of the solder pin	2.6 mm
Pin dimensions	0.8 x 0.8 mm
Length	7.25 mm

### General

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## Technical data

### General

Range of articles	MCV 1,5/...-GF-THR
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
Maximum load current	8 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	8

### Standards and Regulations

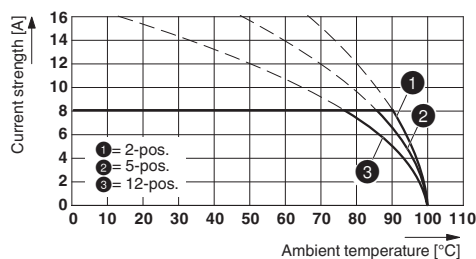
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

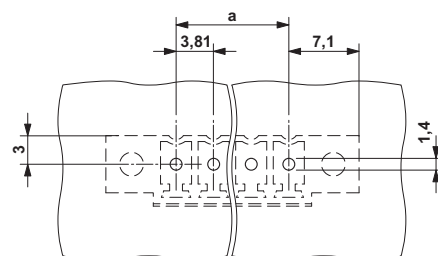
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Diagram

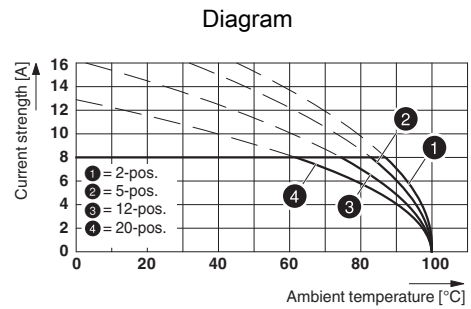
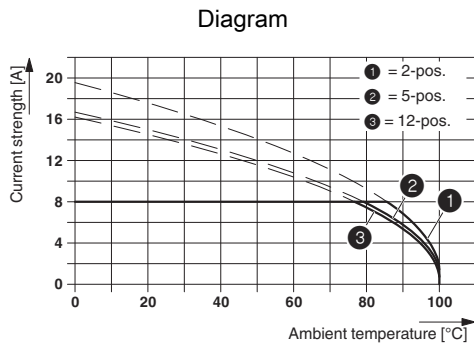


Drilling diagram



Type: MC 1,5/...-STF-3,81 with MCV 1,5/...-GF-3,81 P26 THR

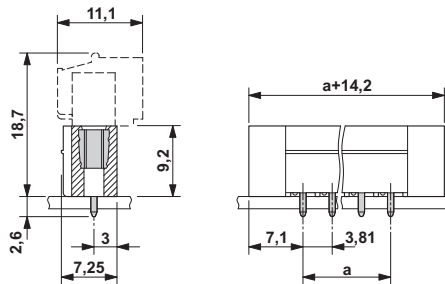
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Type: FMC 1,5/...-STF-3,81 with MCV 1,5/...-GF-3,81 P... THR

The figure shows the derating curve for plugs MC 1,5/...-STF-3,81 in combination with header MCV 1,5/...-GF-3,81 P26 THR.

### Dimensional drawing



### Approvals

Approvals

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Approvals

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

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Ex Approvals


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### 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		


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## Approvals

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

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

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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