

## Housing - MCV 1,5/20-GF-3,5 - 1843402

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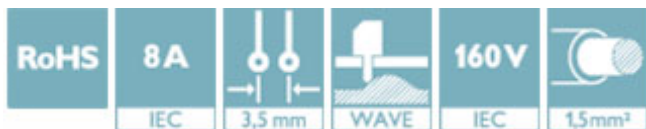
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 20, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

### Why buy this product

- Well-known mounting principle allows worldwide use
- 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	4017918102371

### Technical data

#### Dimensions

Length [ l ]	7.25 mm
Width	80.3 mm
Pitch	3.5 mm
Dimension a	66.5 mm
Width [ w ]	80.3 mm
Height [ h ]	12.6 mm
Constructional height	9.2 mm
Length of the solder pin	3.4 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
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	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	20

### Standards and Regulations

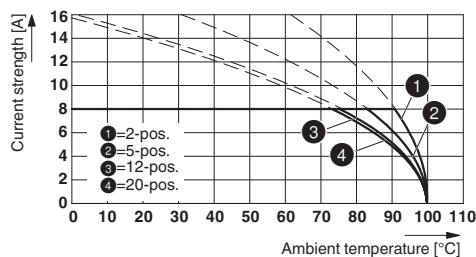
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

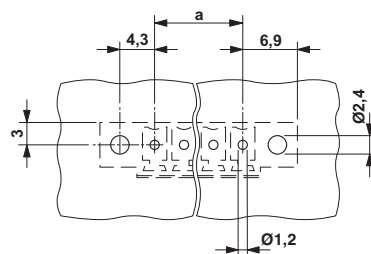
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Diagram



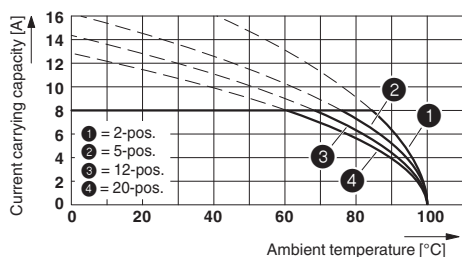
Drilling diagram



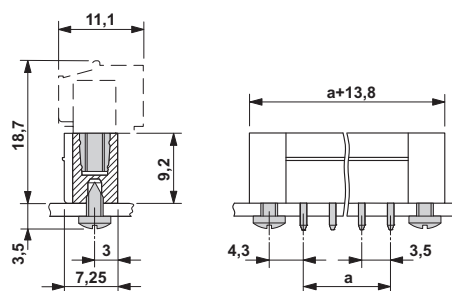
Type: MC 1,5/...-STF-3,5 with MCV 1,5/...-GF-3,5

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Diagram



Dimensional drawing



## Approvals

### Approvals

#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx 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
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	

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	

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

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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