Printed-circuit board connector - MCV 1,5/18-G-3,5 - 1843761

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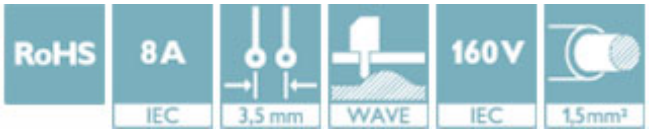
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 18, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Wave soldering

The figure shows a 10-position version of the product

Why buy this product

- Well-known mounting principle allows worldwide use
- 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	4 017918 102432
GTIN	4017918102432

Technical data

Dimensions

Length [l]	7.25 mm
Width	64.4 mm
Pitch	3.5 mm
Dimension a	59.5 mm
Width [w]	64.4 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/..-G
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	18

Standards and Regulations

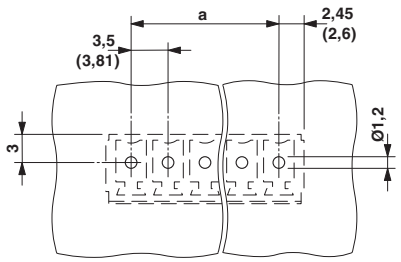
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

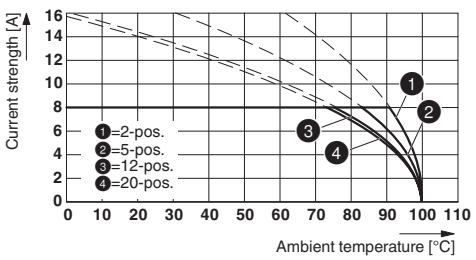
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Diagram



Type: MC 1,5/...-ST-3,5 with MCV 1,5/...-G-3,5

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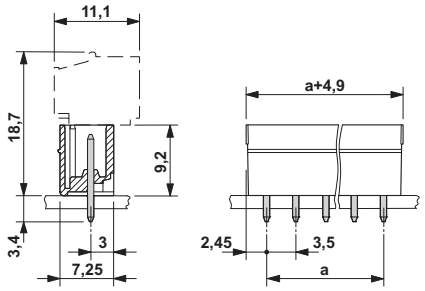
Dimensional drawing



Approvals

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CSA / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

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

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723

Nominal voltage UN	160 V
Nominal current IN	8 A

IECEE CB Scheme		http://www.iecee.org/	DE1-60604-B1B2

Nominal voltage UN	160 V
Nominal current IN	8 A

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Approvals

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128

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

EAC	EAC	B.01742

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