

# Printed-circuit board connector - MCV 1,5/12-G-3,5 AU - 1705810

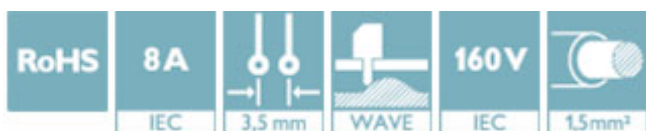
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PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 12, pitch: 3.5 mm, color: green, contact surface: Gold, mounting: Wave soldering




## Why buy this product

- Gold-plated contacts ensure transfer quality remains stable over the long term
- 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 046356 802178
GTIN	4046356802178

## Technical data

### Dimensions

Pitch	3.5 mm
Dimension a	38.5 mm
Constructional height	10 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 mm x 0,8 mm
Hole diameter	1.2 mm

### 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

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## Technical data

### General

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	12

### Standards and Regulations

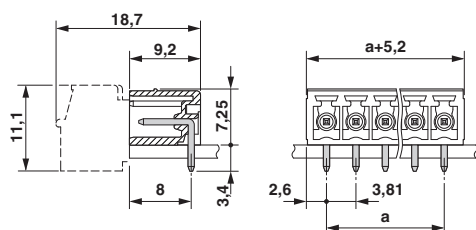
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

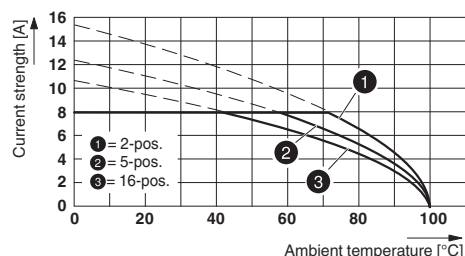
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing

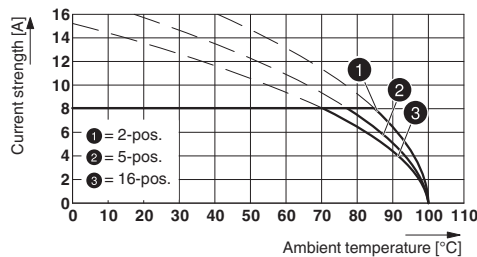


Diagram



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

Diagram



Type: MC 1,5/...-ST(F)-3,5 AU with MCV 1,5/...-G(F)-3,5 AU

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## Approvals


### Approvals


#### Approvals


CSA / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IECCEB Scheme / 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
		B	D
Nominal current IN		8 A	8 A
Nominal voltage UN		300 V	300 V

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 current IN		8 A	
Nominal voltage UN		160 V	

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

IECCEB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-59621-B1B2
Nominal current IN		8 A	
Nominal voltage UN		160 V	

EAC			B.01742
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