

# Feed-through header - IMCV 1,5/12-G-3,5 RN P20 THR - 1830964

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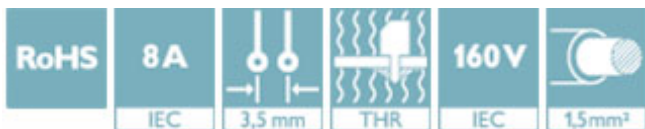
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 12, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering




The figure shows a 10-position version of the product

## Why buy this product

- Designed for integration into the SMT soldering process
- Intuitive locking mechanism prevents accidental disconnection
- Vertical connection enables multi-row arrangement on the PCB
- Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



## Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 888578
GTIN	4046356888578

## Technical data

### Dimensions

Length [ l ]	6.3 mm
Width	42.8 mm
Pitch	3.5 mm
Dimension a	38.5 mm
Width [ w ]	42.8 mm
Height [ h ]	16.35 mm
Constructional height	14.45 mm
Length of the solder pin	1.9 mm
Pin dimensions	0.62 x 1.12 mm
Pin spacing	3.81 mm
Length	6.3 mm

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## Technical data

### General

Range of articles	IMCV 1,5/...G-RN-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)	320 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	12

### Standards and Regulations

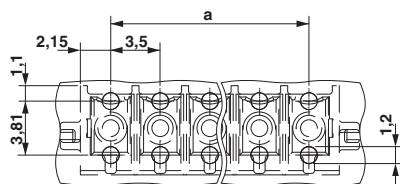
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

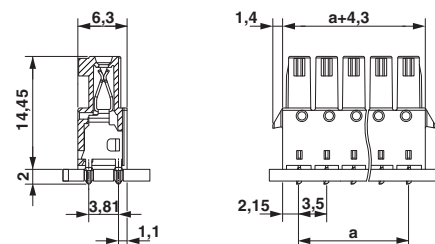
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram

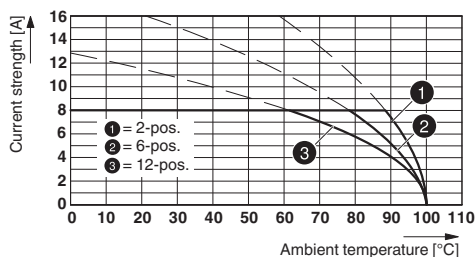


Dimensional drawing



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Diagram



Type: IMC(V) 1,5/...-G-3,5 THR with MC(V) 1,5/...-G-3,5 THR

## Approvals

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#### Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / EAC

#### Ex Approvals

### Approval details

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	

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

EAC



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