

## Feed-through header - IMC 1,5/12-G-3,5 RN P20 THR - 1830663

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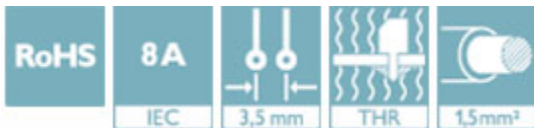
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, Nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 12, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, solder pin [P]: 2 mm



The figure shows a 10-position version of the product

### Your advantages

- ✓ Designed for integration into the SMT soldering process
- ✓ Intuitive locking mechanism prevents accidental disconnection
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4046356887625
Weight per Piece (excluding packing)	4.400 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	14.5 mm
Width	42.8 mm
Pitch	3.5 mm
Dimension a	38.5 mm

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### Technical data

#### Dimensions

Width [ w ]	42.8 mm
Height [ h ]	8.3 mm
Height	6.3 mm
Length of the solder pin	2 mm
Pin dimensions	1.12 mm
Pin spacing	2.54 mm
Length	14.5 mm

#### General

Range of articles	IMC 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 <sub>N</sub>	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

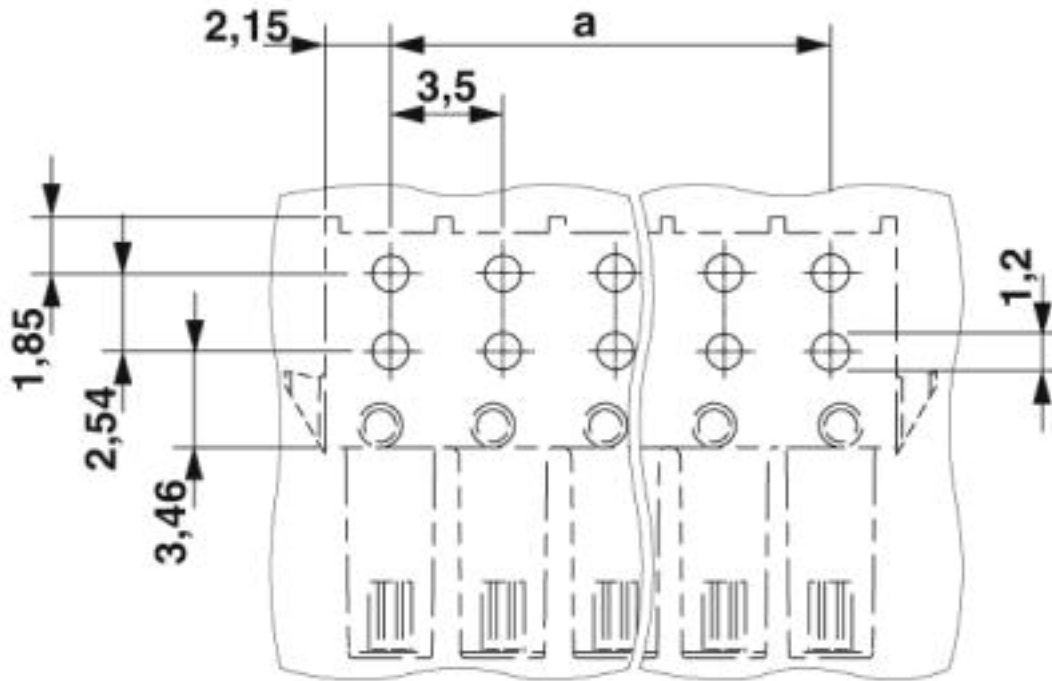
#### Environmental Product Compliance

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

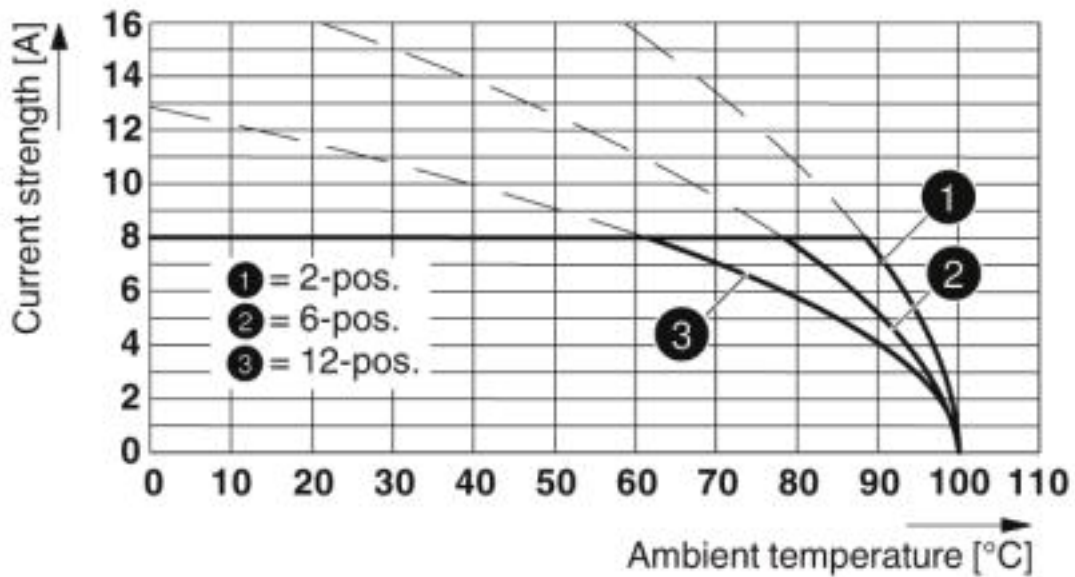
### Drawings

# Feed-through header - IMC 1,5/12-G-3,5 RN P20 THR - 1830663

Drilling diagram



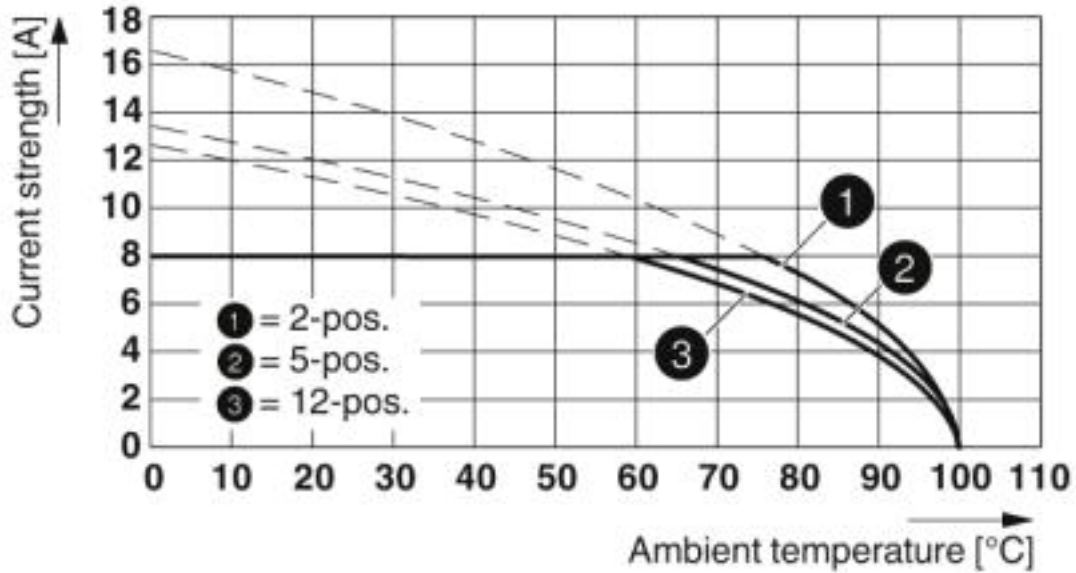
Diagram



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

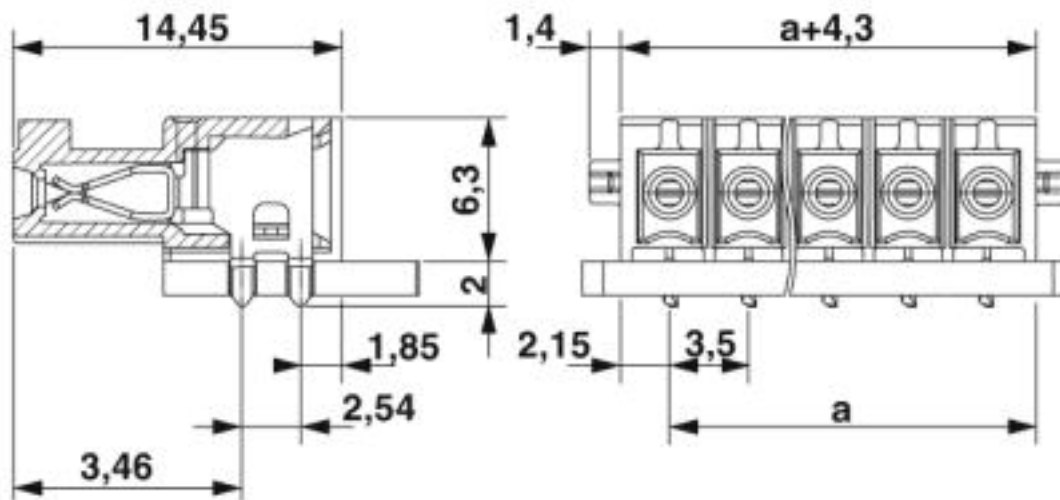
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Diagram



Type: IFMC 1,5/...-ST-3,5-RF with IMC 1,5/...-G-3,5 RN P20 THR

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700

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### Classifications

#### eCl@ss

eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

#### ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

#### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

### Approvals

#### Approvals

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##### Approvals

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

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##### Ex Approvals


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#### Approval details


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## Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60987-B1B2
Nominal voltage UN		160 V	
Nominal current IN		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	

EAC			B.01742
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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 voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	