

Base strip - IMCV 1,5/ 2-G-3,5 RN P20 THR - 1830867

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, 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 STK |
| GTIN | |
| GTIN | 4046356888479 |
| Weight per Piece (excluding packing) | 0.970 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|--------------------------|----------|
| Length | 6.3 mm |
| Pitch | 3.5 mm |
| Dimension a | 3.5 mm |
| Width | 7.8 mm |
| Constructional height | 14.45 mm |
| Height | 16.35 mm |
| Length of the solder pin | 1.9 mm |

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Technical data

Dimensions

| | |
|----------------|-------------|
| Pin dimensions | 0,62 x 1,12 |
| Pin spacing | 3.81 mm |
| Hole diameter | 1.2 mm |

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 |
| Number of positions | 2 |

Standards and Regulations

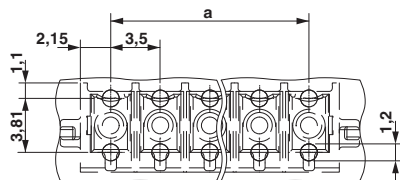
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

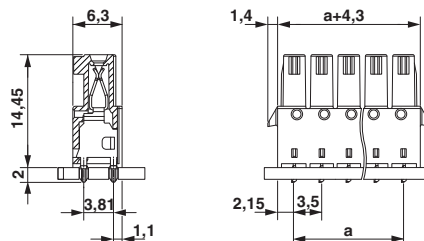
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Drilling diagram

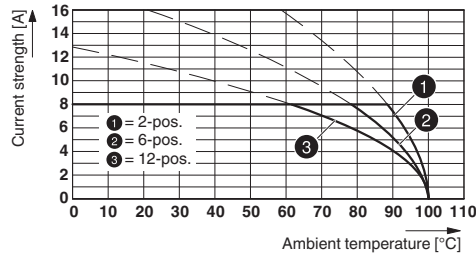


Dimensional drawing



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Diagram



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

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| 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 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals

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cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60321-1 CB Scheme / EAC


Ex Approvals


Base strip - IMCV 1,5/ 2-G-3,5 RN P20 THR - 1830867


Approvals

Approval details

| | | | |
|--------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20110128 |
| | B | D | |
| Nominal current IN | 8 A | 8 A | |
| Nominal voltage UN | 300 V | 300 V | |

| | | | |
|--|---|--|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx | 40011723 |
| | | | |
| Nominal current IN | 8 A | | |
| Nominal voltage UN | 160 V | | |

| | | | |
|--------------------|---|---|----------------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-56063-B1B2 |
| | | | |
| Nominal current IN | 8 A | | |
| Nominal voltage UN | 160 V | | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|