

## Base strip - GIC 2,5 HC/ 6-G-7,62 - 1745823

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Header, nominal current: 16 A, rated voltage (III/2): 630 V, number of positions: 6, pitch: 7.62 mm, Color: green, Contact surface: Tin, mounting: Wave soldering



The illustration shows the 5-pos. version

### Why buy this product

- ✓ Well-known mounting principle allows worldwide use
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 STK   |
| Minimum order quantity               | 50 STK  |
| GTIN                                 | <br>4 046356 310222 |
| GTIN                                 | 4046356310222   |
| Weight per Piece (excluding packing) | 7.300 g   |
| Custom tariff number                 | 85366930  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Length      | 19 mm    |
| Pitch       | 7.62 mm  |
| Dimension a | 38.10 mm |
| Width       | 45.72 mm |

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### Technical data

#### Dimensions

|                          |             |
|--------------------------|-------------|
| Constructional height    | 10.2 mm     |
| Height                   | 13.7 mm     |
| Length of the solder pin | 3.5 mm      |
| Pin dimensions           | 0,47 x 1,14 |
| Pin spacing              | 5.04 mm     |
| Hole diameter            | 1.4 mm      |

#### General

|  |                 |
|--|-----------------|
| Range of articles                      | GIC 2,5 HC/..-G |
| Insulating material group              | I               |
| Rated surge voltage (III/3)            | 6 kV            |
| Rated surge voltage (III/2)            | 6 kV            |
| Rated surge voltage (II/2)             | 6 kV            |
| Rated voltage (III/3)                  | 630 V           |
| Rated voltage (III/2)                  | 630 V           |
| Rated voltage (II/2)                   | 1000 V          |
| Connection in acc. with standard       | EN-VDE          |
| Nominal current I <sub>N</sub>         | 16 A            |
| Insulating material                    | PA              |
| Flammability rating according to UL 94 | V0              |
| Color                                  | green           |
| Number of positions                    | 6               |

#### Standards and Regulations

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

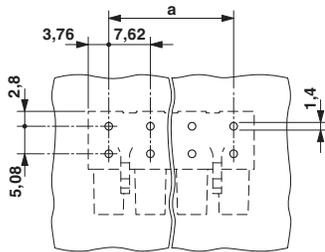
#### Environmental Product Compliance

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

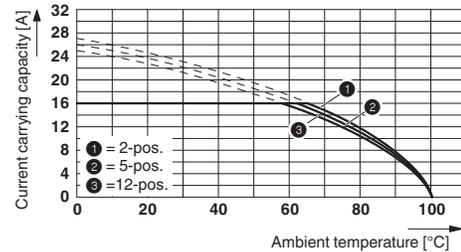
### Drawings

# Base strip - GIC 2,5 HC/ 6-G-7,62 - 1745823

Drilling diagram

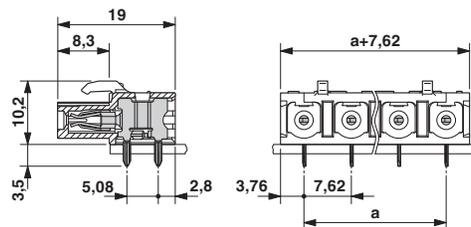


Diagram



Derating curve for: GIC 2,5 HC/...-ST-7,62 with GIC 2,5 HC/...-G-7,62

Dimensional drawing



## 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 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 6.01 | 30211801 |
|-------------|----------|

# Base strip - GIC 2,5 HC/ 6-G-7,62 - 1745823

## Classifications

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 39121432 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121409 |

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                    |   |   |              |
|--------------------|---|---|--------------|
| UL 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> | FILE E 60425 |
|                    | B   | D   |              |
| Nominal current IN | 16 A  | 10 A  |              |
| Nominal voltage UN | 250 V   | 300 V   |              |

|                    |   |   |              |
|--------------------|---|---|--------------|
| cUL 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> | FILE E 60425 |
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|     |   |         |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

|                  |   |   |
|------------------|---|---|
| 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> |
|------------------|---|---|

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### Accessories

#### Additional products

Plug - GIC 2,5 HCV/ 6-ST-7,62 - 1745661



Plug component, nominal current: 16 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Base strip - GMSTBA 2,5 HC/ 6-G-7,62 - 1728895



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Printed-circuit board connector - GMSTBVA 2,5 HC/ 6-G-7,62 - 1767050



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