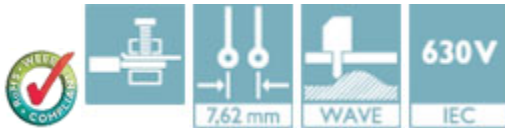


## Printed-circuit board connector - GMSTBA 2,5 HC/10-G-7,62-LR - 1812940

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Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: Wave soldering



### Key Commercial Data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 50 pc    |
| Custom tariff number   | 85366990 |
| Country of origin      | Germany  |

### Technical data

#### Dimensions

|                       |          |
|-----------------------|----------|
| Length                | 12 mm    |
| Pitch                 | 7.62 mm  |
| Dimension a           | 68.58 mm |
| Constructional height | 8.6 mm   |
| Pin dimensions        | 1 x 1 mm |
| Hole diameter         | 1.4 mm   |

#### General

|                             |                       |
|-----------------------------|-----------------------|
| Range of articles           | GMSTBA 2,5 HC/...G-LR |
| 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)       | 500 V                 |
| Rated voltage (III/2)       | 630 V                 |

# Printed-circuit board connector - GMSTBA 2,5 HC/10-G-7,62-LR - 1812940

## Technical data

### General

|                                        |        |
|----------------------------------------|--------|
| Rated voltage (II/2)                   | 1000 V |
| Connection in acc. with standard       | EN-VDE |
| Nominal current I <sub>N</sub>         | 16 A   |
| Maximum load current                   | 16 A   |
| Insulating material                    | PA     |
| Flammability rating according to UL 94 | V0     |
| Color                                  | green  |
| Number of positions                    | 10     |

### Standards and Regulations

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

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| 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 |

### UNSPSC

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

## Printed-circuit board connector - GMSTBA 2,5 HC/10-G-7,62-LR - 1812940

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|                                                                                                  |        |       |
|--------------------------------------------------------------------------------------------------|--------|-------|
| UL Recognized  |        |       |
|                                                                                                  | B      | D     |
| Nominal current I <sub>N</sub>                                                                   | 18.5 A | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 300 V  | 300 V |

|                                                                                                    |        |       |
|----------------------------------------------------------------------------------------------------|--------|-------|
| cUL Recognized  |        |       |
|                                                                                                    | B      | D     |
| Nominal current I <sub>N</sub>                                                                     | 18.5 A | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V  | 300 V |

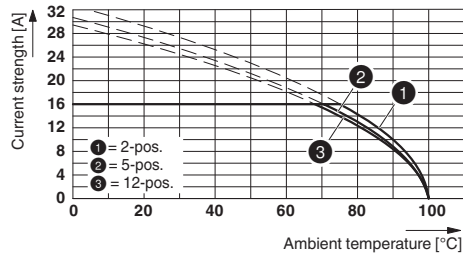
|     |
|-----|
| EAC |
|-----|

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

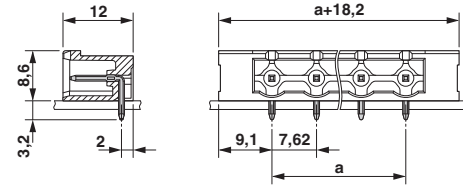
### Drawings

## Printed-circuit board connector - GMSTBA 2,5 HC/10-G-7,62-LR - 1812940

Diagram



Dimensional drawing



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

Drilling diagram

