

## Printed-circuit board connector - MC 1,5/18-GF-3,5-LR - 1817770

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 18, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 5.6 g    |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 9.2 mm       |
| Pitch                    | 3.50 mm      |
| Dimension a              | 59.5 mm      |
| Length of the solder pin | 3.4 mm       |
| Pin dimensions           | 0,8 x 0,8 mm |
| Hole diameter            | 1.2 mm       |

#### General

|                             |                  |
|-----------------------------|------------------|
| Range of articles           | MC 1,5/...-GF-LR |
| 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            |

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## Technical data

### General

|  |        |
|--|--------|
| Rated voltage (III/2)                  | 160 V  |
| Rated voltage (II/2)                   | 250 V  |
| Connection in acc. with standard       | EN-VDE |
| Nominal current I <sub>N</sub>         | 8 A    |
| Maximum load current                   | 8 A    |
| Insulating material                    | PBT    |
| Flammability rating according to UL 94 | V0     |
| Color                                  | green  |
| Number of positions                    | 18     |

### 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 | 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 |

### UNSPSC

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

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## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted


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### Approval details

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

| cULus Recognized   |       |       |
|--------------------|-------|-------|
|                    | B     | D     |
| Nominal current IN | 8 A   | 8 A   |
| Nominal voltage UN | 300 V | 300 V |

| VDE Gutachten mit Fertigungsüberwachung  |       |
|---|-------|
| Nominal current IN  | 8 A   |
| Nominal voltage UN  | 160 V |

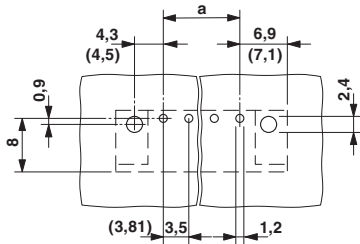
| IECEE CB Scheme  |       |
|---|-------|
| Nominal current IN  | 8 A   |
| Nominal voltage UN  | 160 V |

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

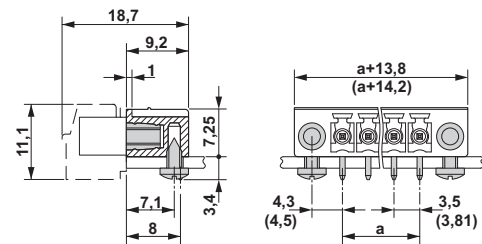
## Drawings

# Printed-circuit board connector - MC 1,5/18-GF-3,5-LR - 1817770

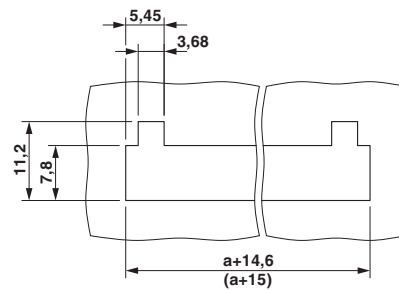
Drilling diagram



Dimensional drawing



Dimensional drawing



Diagram

Plug: FRONT-MC 1,5/5-ST(F)-3,81(3,5)  
 Header: MC(V) 1,5/5-G(F)-3,81(3,5)

