

## Base strip - PC 6-16/ 8-G1F-10,16 - 1999068

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Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering



The figure shows a 5-pos. version of the product

### Product Features

- ✓ PCB/PCB connections by using IPC 16 headers
- ✓ PCB-SHIELD shroud for a professional EMC shield connection
- ✓ PC 6-16 headers for use in combination with all PC 6 and PC 16 plugs



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Minimum order quantity               | 50 pc     |
| Weight per Piece (excluding packing) | 37.67 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland    |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 34 mm        |
| Height         | 13.4 mm      |
| Pitch          | 10.16 mm     |
| Dimension a    | 71.12 mm     |
| Pin dimensions | 0.8 x 1.2 mm |
| Pin spacing    | 10.16 mm     |
| Hole diameter  | 1.7 mm       |

#### General

|                   |                 |
|-------------------|-----------------|
| Range of articles | PC 6-16/...-G1F |
|-------------------|-----------------|

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### Technical data

#### General

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Insulating material group               | I                                         |
| Rated surge voltage (III/3)             | 8 kV                                      |
| Rated surge voltage (III/2)             | 8 kV                                      |
| Rated surge voltage (II/2)              | 6 kV                                      |
| Rated voltage (III/3)                   | 1000 V                                    |
| Rated voltage (III/2)                   | 1000 V                                    |
| Rated voltage (II/2)                    | 1000 V                                    |
| Connection in acc. with standard        | EN-VDE                                    |
| Nominal current $I_N$                   | 76 A (41 A in combination with PC 6 plug) |
| Maximum load current                    | 76 A (41 A in combination with PC 6 plug) |
| Insulating material                     | PA                                        |
| Inflammability class according to UL 94 | V0                                        |
| Color                                   | green                                     |
| Number of positions                     | 8                                         |

### 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 |

#### 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

UL Recognized / SEV / cUL Recognized / CCA / GOST / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|                                                                                                  |       |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|-------|
| UL Recognized  |       |       |       |
|                                                                                                  | B     | C     | D     |
| Nominal current I <sub>N</sub>                                                                   | 66 A  | 66 A  | 5 A   |
| Nominal voltage U <sub>N</sub>                                                                   | 300 V | 300 V | 600 V |

|                                |        |
|--------------------------------|--------|
| SEV                            |        |
|                                |        |
| Nominal current I <sub>N</sub> | 76 A   |
| Nominal voltage U <sub>N</sub> | 1000 V |

|                                                                                                    |       |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|-------|
| cUL Recognized  |       |       |       |
|                                                                                                    | B     | C     | D     |
| Nominal current I <sub>N</sub>                                                                     | 66 A  | 66 A  | 5 A   |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 300 V | 600 V |

|                                |        |
|--------------------------------|--------|
| CCA                            |        |
|                                |        |
| Nominal current I <sub>N</sub> | 76 A   |
| Nominal voltage U <sub>N</sub> | 1000 V |

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### Approvals

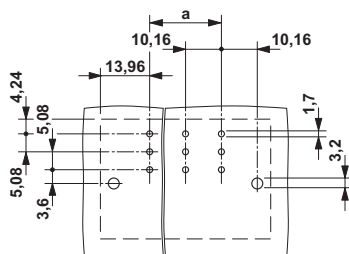
GOST 

GOST 

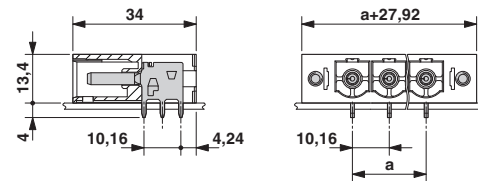
cULus Recognized 

### Drawings

Drilling diagram



Dimensioned drawing



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