

## Base strip - MC 1,5/ 6-G-3,5 THT-R56 - 1968594

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Assembly: Taped SMD/THT/THR components, User information and design recommendations for through hole reflow technology can be found under "Downloads"

### Product Features

- 3.5 mm pitch
- Low-profile THR headers with a compact pitch
- Plug-in direction parallel to the PCB
- Delivery form: box packaging, in bulk for small series
- Delivery form: tape-on-reel packing according to IEC 60286-3 for automated mounting
- Use in SMT reflow processes



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 470 pc   |
| Weight per Piece (excluding packing) | 2.74 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 9.2 mm       |
| Pitch          | 3.5 mm       |
| Dimension a    | 17.5 mm      |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter  | 1.4 mm       |

#### General

|                   |                  |
|-------------------|------------------|
| Range of articles | MC 1,5/...-G-THT |
|-------------------|------------------|

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### Technical data

#### General

|   |                    |
|---|--------------------|
| 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)                    | 250 V              |
| Connection in acc. with standard        | EN-VDE             |
| Nominal current I <sub>N</sub>          | 8 A                |
| Maximum load current                    | 8 A (per position) |
| Insulating material                     | PA-GF              |
| Inflammability class according to UL 94 | V0                 |
| Color                                   | black              |
| Number of positions                     | 6                  |

### 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 / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC60335-1 / IEC60335-2-1 / IEC60335-2-2 / IEC60335-2-3 / IEC60335-2-4 / IEC60335-2-5 / IEC60335-2-6 / IEC60335-2-7 / IEC60335-2-8 / IEC60335-2-9 / IEC60335-2-10 / IEC60335-2-11 / IEC60335-2-12 / IEC60335-2-13 / IEC60335-2-14 / IEC60335-2-15 / IEC60335-2-16 / IEC60335-2-17 / IEC60335-2-18 / IEC60335-2-19 / IEC60335-2-20 / IEC60335-2-21 / IEC60335-2-22 / IEC60335-2-23 / IEC60335-2-24 / IEC60335-2-25 / IEC60335-2-26 / IEC60335-2-27 / IEC60335-2-28 / IEC60335-2-29 / IEC60335-2-30 / IEC60335-2-31 / IEC60335-2-32 / IEC60335-2-33 / IEC60335-2-34 / IEC60335-2-35 / IEC60335-2-36 / IEC60335-2-37 / IEC60335-2-38 / IEC60335-2-39 / IEC60335-2-40 / IEC60335-2-41 / IEC60335-2-42 / IEC60335-2-43 / IEC60335-2-44 / IEC60335-2-45 / IEC60335-2-46 / IEC60335-2-47 / IEC60335-2-48 / IEC60335-2-49 / IEC60335-2-50 / IEC60335-2-51 / IEC60335-2-52 / IEC60335-2-53 / IEC60335-2-54 / IEC60335-2-55 / IEC60335-2-56 / IEC60335-2-57 / IEC60335-2-58 / IEC60335-2-59 / IEC60335-2-60 / IEC60335-2-61 / IEC60335-2-62 / IEC60335-2-63 / IEC60335-2-64 / IEC60335-2-65 / IEC60335-2-66 / IEC60335-2-67 / IEC60335-2-68 / IEC60335-2-69 / IEC60335-2-70 / IEC60335-2-71 / IEC60335-2-72 / IEC60335-2-73 / IEC60335-2-74 / IEC60335-2-75 / IEC60335-2-76 / IEC60335-2-77 / IEC60335-2-78 / IEC60335-2-79 / IEC60335-2-80 / IEC60335-2-81 / IEC60335-2-82 / IEC60335-2-83 / IEC60335-2-84 / IEC60335-2-85 / IEC60335-2-86 / IEC60335-2-87 / IEC60335-2-88 / IEC60335-2-89 / IEC60335-2-90 / IEC60335-2-91 / IEC60335-2-92 / IEC60335-2-93 / IEC60335-2-94 / IEC60335-2-95 / IEC60335-2-96 / IEC60335-2-97 / IEC60335-2-98 / IEC60335-2-99 / IEC60335-2-100

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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>   | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub>   | 300 V | 300 V |

|   |       |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
| Nominal current I <sub>N</sub>  | 8 A   |
| Nominal voltage U <sub>N</sub>  | 160 V |

|  |       |       |
|--|-------|-------|
| cUL Recognized  |       |       |
|  | B     | D     |
| Nominal current I <sub>N</sub>   | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub>   | 300 V | 300 V |

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## Approvals

|                       |       |
|-----------------------|-------|
| IECEE CB Scheme       |       |
| Nominal current $I_N$ | 8 A   |
| Nominal voltage $U_N$ | 160 V |

|      |  |
|------|--|
| GOST |  |
|------|--|

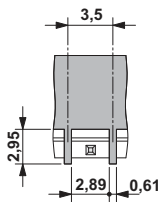
|      |  |
|------|--|
| GOST |  |
|------|--|

|                       |       |
|-----------------------|-------|
| CCA                   |       |
| Nominal current $I_N$ | 8 A   |
| Nominal voltage $U_N$ | 160 V |

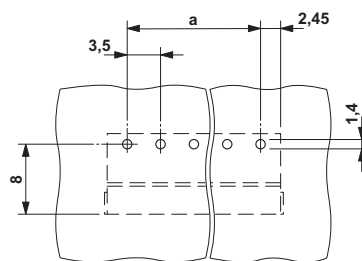
|                  |  |
|------------------|--|
| cULus Recognized |  |
|------------------|--|

## Drawings

Dimensioned drawing

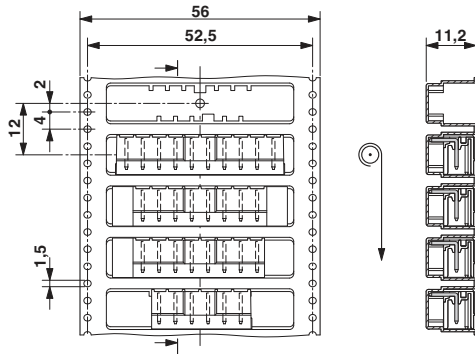


Drilling diagram

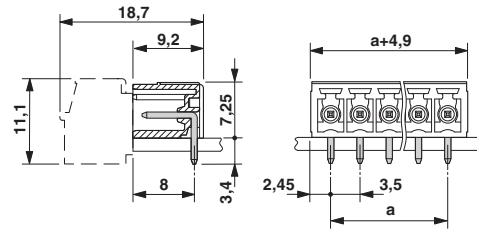


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Dimensioned drawing



Dimensioned drawing



Dimensioned drawing

