

Sample set - SAMPLE MC 0,5/ 5-G-2,54 P20THR - 1835985

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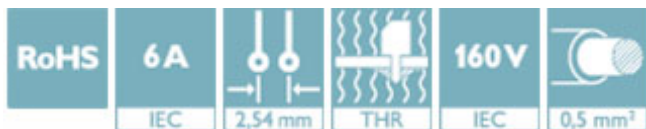
PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: THR soldering




The figure shows the 10-position version

Your advantages

- ✓ Designed for integration into the SMT soldering process
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots
- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



Key Commercial Data

| | |
|----------------------|---|
| Packing unit | 1 |
| GTIN |  4 055626 016962 |
| GTIN | 4055626016962 |
| Custom tariff number | 85366930 |

Technical data

Dimensions

| | |
|--------------------------|----------------|
| Length [l] | 7.1 mm |
| Width | 17.24 mm |
| Pitch | 2.54 mm |
| Dimension a | 10.16 mm |
| Width [w] | 17.24 mm |
| Height [h] | 6.8 mm |
| Height | 4.85 mm |
| Length of the solder pin | 2 mm |
| Pin dimensions | 0.64 x 0.64 mm |
| Length | 7.1 mm |

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Technical data

General

| | |
|--|------------------|
| Range of articles | MC 0,5/...-G-THR |
| 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) | 32 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 160 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 6 A |
| Insulating material | LCP |
| Flammability rating according to UL 94 | V0 |
| Color | black |
| Number of positions | 5 |

Standards and Regulations

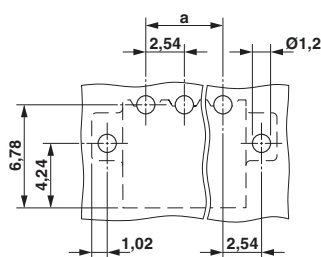
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

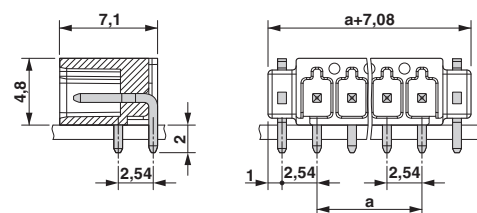
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Drilling diagram



Dimensional drawing



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

UNSPSC

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|-------------|----------|
| UNSPSC 13.2 | 39121409 |
|-------------|----------|

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|
