

Sample set - SAMPLE PTSM 0,5/ 6-HV-2,5-THR - 1785948

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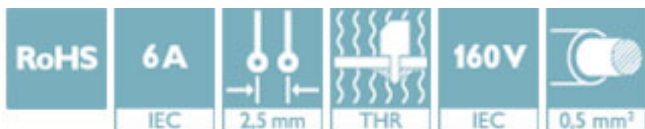


PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering

The figure shows the 3-pos. version

Your advantages

- Designed for integration into the SMT soldering process
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

| | |
|------------------------|---------------|
| Packing unit | 5 pc |
| Minimum order quantity | 5 pc |
| GTIN | |
| GTIN | 4046356570763 |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length [l] | 5 mm |
| Pitch | 2.5 mm |
| Dimension a | 12.5 mm |
| Height [h] | 7.5 mm |
| Height | 7.5 mm |
| Length of the solder pin | 2 mm |
| Pin dimensions | 0.6 x 0.6 mm |
| Pin spacing | 2.50 mm |
| Length | 5 mm |

General

| | |
|-------------------|--------------------|
| Range of articles | PTSM 0,5/..-HV-THR |
|-------------------|--------------------|

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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) | 50 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 |
| Maximum load current | 6 A |
| Insulating material | LCP |
| Flammability rating according to UL 94 | V0 |
| Color | black |
| Number of positions | 6 |

Standards and Regulations

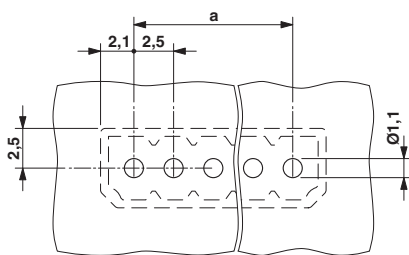
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

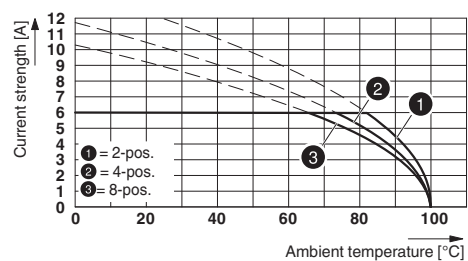
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Drilling diagram



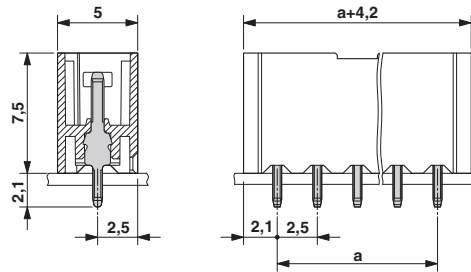
Diagram



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R...

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Dimensional drawing



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



B.01742

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