

Sample set - SAMPLE PTSM 0,5/ 7-HV-2,5-THR - 1785951

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering


The illustration shows the 3-pos. version

Why buy this product

- ✓ 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 STK |
| Minimum order quantity | 5 STK |
| GTIN |  4 046356 572071 |
| GTIN | 4046356572071 |
| Weight per Piece (excluding packing) | 1.530 g |
| Custom tariff number | 85369010 |
| Country of origin | India |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 5 mm |
| Pitch | 2.5 mm |
| Dimension a | 15 mm |
| Constructional height | 7.5 mm |
| Height | 7.5 mm |
| Length of the solder pin | 2 mm |
| Pin dimensions | 0,6 x 0,6 mm |

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Technical data

Dimensions

| | |
|---------------|---------|
| Pin spacing | 2.50 mm |
| Hole diameter | 1.1 mm |

General

| | |
|--|---------------------|
| Range of articles | PTSM 0,5/...-HV-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) | 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 | 7 |

Standards and Regulations

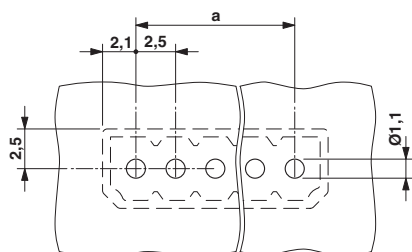
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

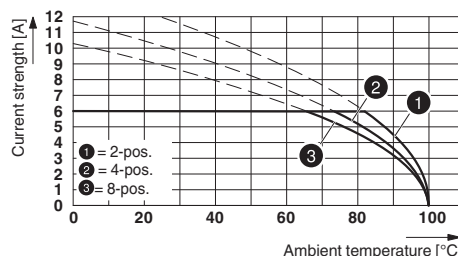
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Drilling diagram



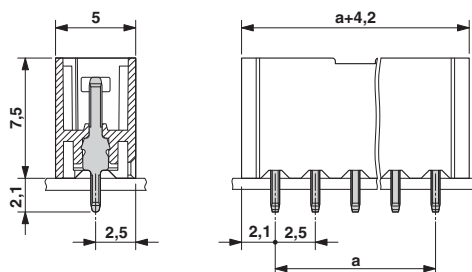
Diagram



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

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Dimensional drawing



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 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

UNSPSC

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

Approvals

Approvals

Approvals


EAC

Ex Approvals

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Approvals

Approval details

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

Accessories

Additional products

Base strip - PTSM 0,5/ 7-HV-2,5-THR R44 - 1778609



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