

## Sample set - SAMPLE PTSM 0,5/ 2-HH-2,5-THR - 1785977

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


The illustration shows a 3-position 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



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 5 STK   |
| Minimum order quantity               | 5 STK   |
| GTIN                                 | <br>4 046356 572101 |
| GTIN                                 | 4046356572101   |
| Weight per Piece (excluding packing) | 0.860 g   |
| Custom tariff number                 | 85369010  |
| Country of origin                    | India   |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 7.5 mm       |
| Pitch                    | 2.5 mm       |
| Dimension a              | 2.5 mm       |
| Constructional height    | 5 mm         |
| Height                   | 5 mm         |
| Length of the solder pin | 2 mm         |
| Pin dimensions           | 0,6 x 0,6 mm |
| Pin spacing              | 2.50 mm      |
| Hole diameter            | 1.1 mm       |

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## Technical data

### General

|  |                     |
|--|---------------------|
| Range of articles                      | PTSM 0,5/...-HH-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                    | 2                   |

### Standards and Regulations

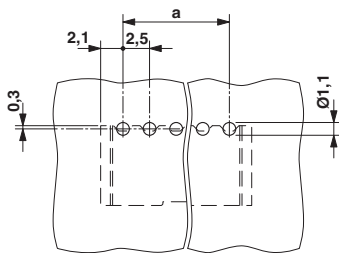
|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

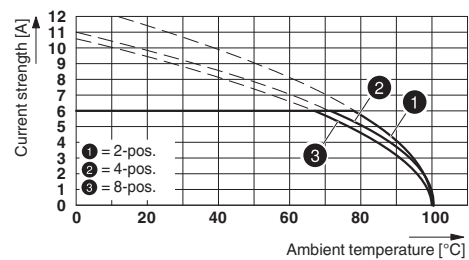
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram



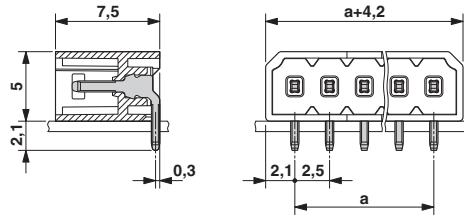
Diagram



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HH-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

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#### Approval details

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

### Accessories

#### Additional products

Base strip - PTSM 0,5/ 2-HH-2,5-THR R16 - 1778625



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