

## Base strip - PTSM 0,5/ 2-HH-2,5-SMD R32 - 1778764

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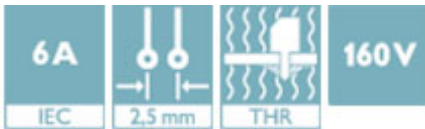
Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: SMD soldering, Article with anti-rotation pin



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
- Additional solder anchors reduce the mechanical strain on the soldering spots



### Key Commercial Data

|                        |         |
|------------------------|---------|
| Packing unit           | 600 STK |
| Minimum order quantity | 600 STK |
| GTIN                   |         |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length                   | 7.5 mm  |
| Pitch                    | 2.50 mm |
| Dimension a              | 2.5 mm  |
| Constructional height    | 5 mm    |
| Height                   | 5 mm    |
| Length of the solder pin | 2 mm    |
| Pin spacing              | 2.50 mm |

#### General

|                             |                    |
|-----------------------------|--------------------|
| Range of articles           | PTSM 0,5/..-HH-SMD |
| Insulating material group   | IIIa               |
| Rated surge voltage (III/3) | 2.5 kV             |

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### Technical data

#### General

|  |        |
|--|--------|
| 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 <sub>N</sub>         | 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 |
|  | UL     |
| Flammability rating according to UL 94 | V0     |

### 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 |
| eCl@ss 9.0 | 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

Approvals

UL Recognized / UL Recognized / EAC

Ex Approvals

Approvals submitted

## Approval details

UL Recognized

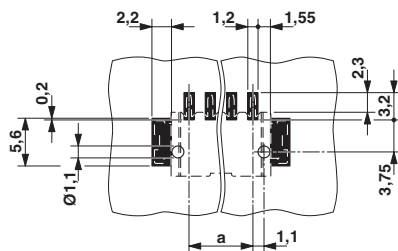
UL Recognized

|                                |       |
|--------------------------------|-------|
|                                | B     |
| Nominal current I <sub>N</sub> | 5 A   |
| Nominal voltage U <sub>N</sub> | 150 V |

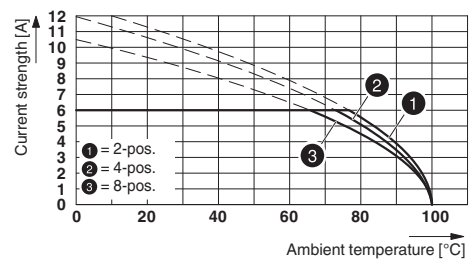
EAC

## Drawings

Drilling diagram



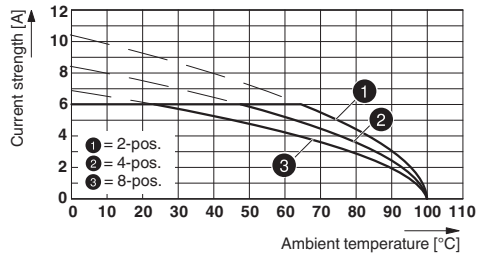
Diagram



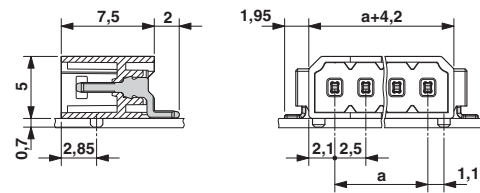
Derating curve for: PTSM 0,5/..-P-2,5 with PTSM 0,5/..-HH-2,5-SMD R..

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Diagram

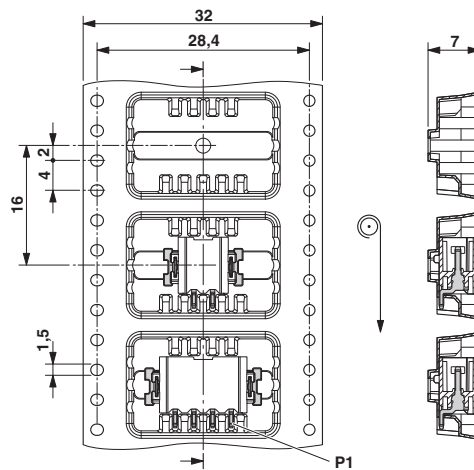


Dimensional drawing



Type: PTSM 0,5/...-HHI-2,5-SMD R... with PTSM 0,5/...-HH-2,5-SMD R...

Dimensional drawing



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