

## Base strip - PTSM 0,5/ 3-HV-2,5-THR R32 - 1778560

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering

### 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                         | 1 STK    |
| Minimum order quantity               | 330 STK  |
| Weight per Piece (excluding packing) | 1.880 g  |
| Custom tariff number                 | 85369010 |
| Country of origin                    | India    |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 5 mm         |
| Pitch                    | 2.50 mm      |
| Dimension a              | 5 mm         |
| Width                    | 9.2 mm       |
| Constructional height    | 7.5 mm       |
| Height                   | 9.5 mm       |
| Length of the solder pin | 2 mm         |
| Pin dimensions           | 0,6 x 0,6 mm |
| Pin spacing              | 2.50 mm      |

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### Technical data

#### Dimensions

|               |        |
|---------------|--------|
| 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                    | 3                  |

#### Standards and Regulations

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

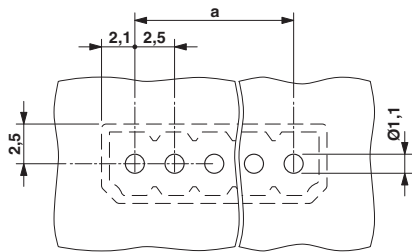
#### Environmental Product Compliance

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

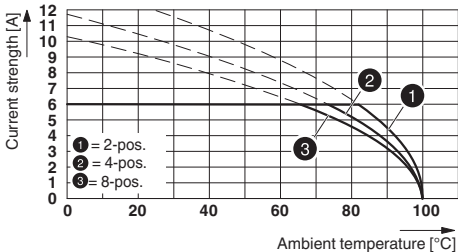
### Drawings

Base strip - PTSM 0,5/ 3-HV-2,5-THR R32 - 1778560

Drilling diagram

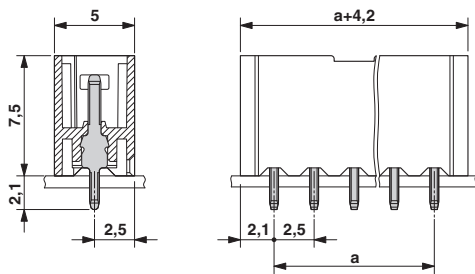


Diagram

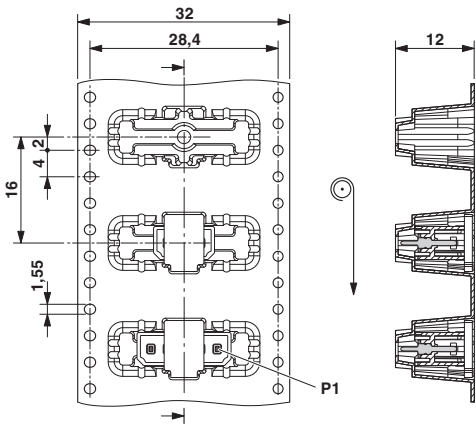


Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R...

Dimensional drawing



Dimensional drawing



Approvals

Approvals

Approvals

UL Recognized / UL Recognized / EAC

Ex Approvals

Approval details

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### Approvals

UL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 60425

UL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 118976

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

EAC B.01742