

## Base strip - PTSM 0,5/ 2-HV-2,5-THR R32 - 1778557

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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, Assembly: SMD/THT/THR

### Product Features

- ✓ Compatible with PTSM.../PTPM... plugs
- ✓ 2.5 mm pitch
- ✓ High current carrying capacity of 6 A
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- ✓ Rugged solder anchor for secure, mechanical fixing to the surface
- ✓ Specifically designed for use in reflow and SMT processes

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 330           |
| GTIN             | 4046356529723 |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 5 mm         |
| Height         | 7.5 mm       |
| Pitch          | 2.5 mm       |
| Dimension a    | 2.5 mm       |
| Pin dimensions | 0,6 x 0,6 mm |
| 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             |

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### Technical data

#### General

|                                         |       |
|-----------------------------------------|-------|
| Nominal current I <sub>N</sub>          | 6 A   |
| Maximum load current                    | 6 A   |
| Insulating material                     | LCP   |
| Inflammability class according to UL 94 | V0    |
| Color                                   | Black |
| Number of positions                     | 2     |

### 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 |

#### 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 |

### approvals

UL Recognized / cUL Recognized / GOST / GOST / UL Recognized / cULus Recognized /

#### Approval details

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| Usegroups                                                                                         | B     |
| Nominal voltage UN                                                                                | 150 V |
| Nominal current IN                                                                                | 6 A   |
| mm²/AWG/kcmil                                                                                     |       |

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## approvals

| cUL Recognized  |       |
|--------------------------------------------------------------------------------------------------|-------|
| Usegroups                                                                                        | B     |
| Nominal voltage UN                                                                               | 150 V |
| Nominal current IN                                                                               | 6 A   |
| mm²/AWG/kcmil                                                                                    |       |

|                                                                                        |
|----------------------------------------------------------------------------------------|
| GOST  |
|----------------------------------------------------------------------------------------|

|                                                                                   |
|-----------------------------------------------------------------------------------|
|  |
|-----------------------------------------------------------------------------------|

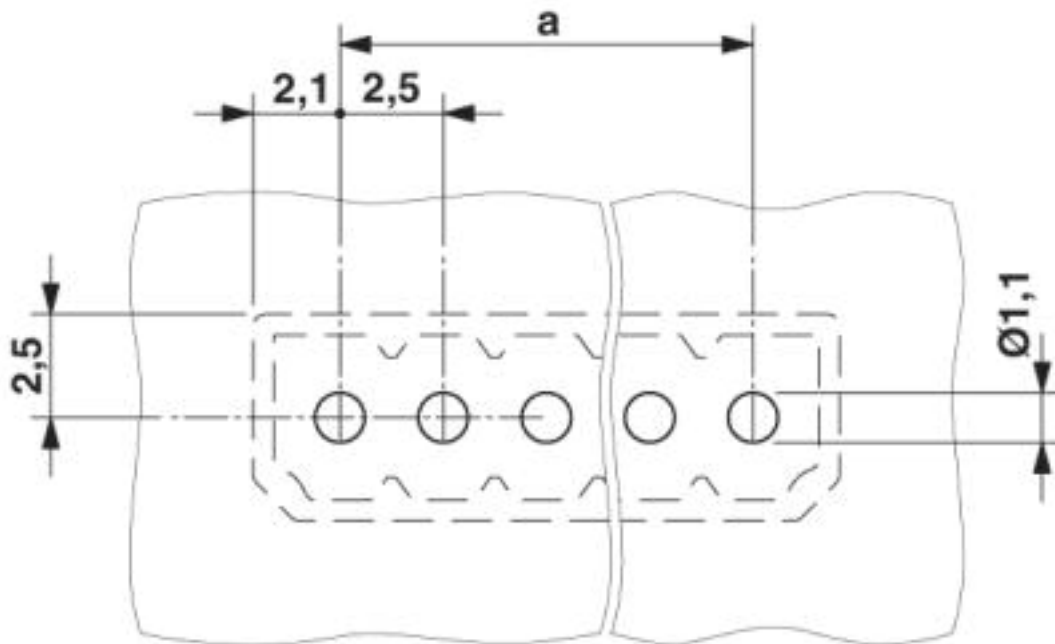
|  |       |
|-------------------------------------------------------------------------------------|-------|
| Usegroups                                                                           | B     |
| Nominal voltage UN                                                                  | 150 V |
| Nominal current IN                                                                  | 5 A   |
| mm²/AWG/kcmil                                                                       |       |

|                                                                                                      |  |
|------------------------------------------------------------------------------------------------------|--|
| cULus Recognized  |  |
|------------------------------------------------------------------------------------------------------|--|

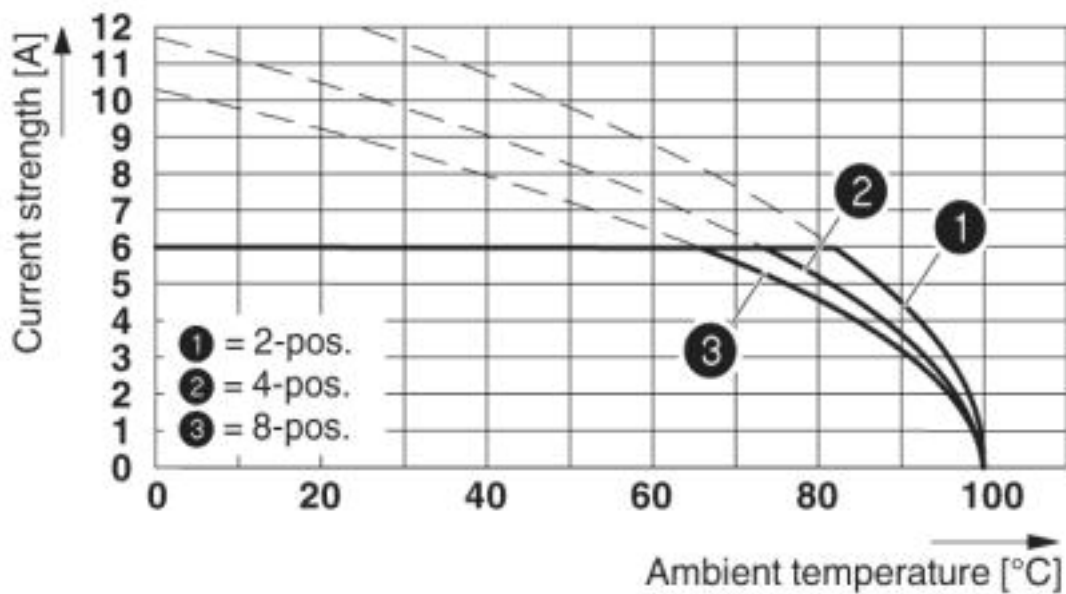
## Drawings

## Base strip - PTSM 0,5/ 2-HV-2,5-THR R32 - 1778557

Drilling diagram



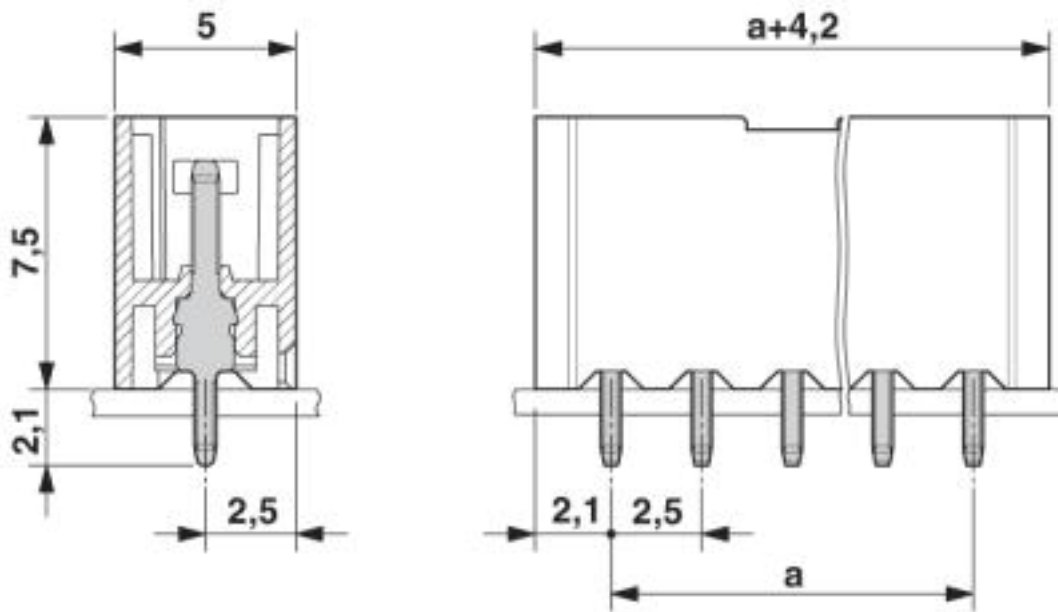
Diagram



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R32

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Dimensioned drawing



## Base strip - PTSM 0,5/ 2-HV-2,5-THR R32 - 1778557

Dimensioned drawing

