

# Feed-through header - PTSM 0,5/ 6-HHI1-2,5-THR R32 - 1810829

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PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, Article with anti-rotation pin

The figure shows a 3-position version

## Your advantages

- ✓ Designed for integration into the SMT soldering process
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



## Key Commercial Data

|                        |               |
|------------------------|---------------|
| Packing unit           | 500 pc        |
| Minimum order quantity | 500 pc        |
| GTIN                   |               |
| GTIN                   | 4046356707350 |

## Technical data

### Dimensions

|                          |         |
|--------------------------|---------|
| Length [ l ]             | 12 mm   |
| Width                    | 15.5 mm |
| Pitch                    | 2.5 mm  |
| Dimension a              | 12.5 mm |
| Width [ w ]              | 15.5 mm |
| Height [ h ]             | 7.1 mm  |
| Height                   | 5 mm    |
| Length of the solder pin | 2.1 mm  |
| Length                   | 12 mm   |

### General

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## Technical data

### General

|  |                     |
|--|---------------------|
| Range of articles                      | PTSM 0,5/...HHI-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)                  | 63 V                |
| Rated voltage (III/2)                  | 160 V               |
| Rated voltage (II/2)                   | 200 V               |
| 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                    | 6                   |

### Standards and Regulations

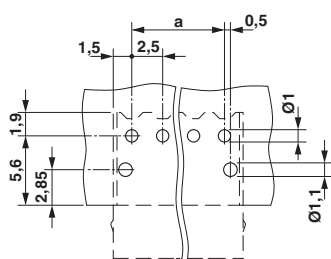
|  |    |
|--|----|
| Connection in acc. with standard       | UL |
| Flammability rating according to UL 94 | V0 |

### Environmental Product Compliance

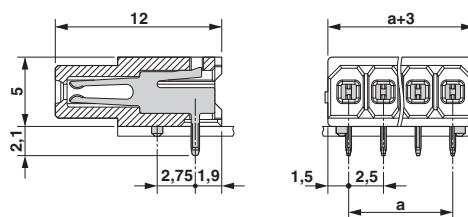
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram

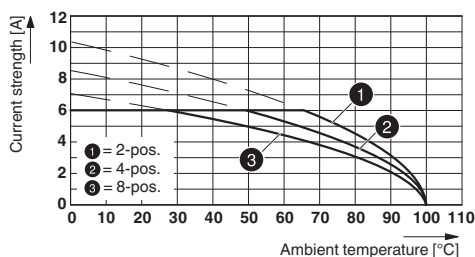


Dimensional drawing



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Diagram



Type: PTSM 0,5/...-HHI1-2,5-THR R... with PTSM 0,5/...-HH-2,5-THR R...

## Approvals

### Approvals

Approvals

UL Recognized / VDE Zeichengenehmigung / EAC

Ex Approvals

### Approval details

|                    |       |   |                  |
|--------------------|-------|---|------------------|
| UL Recognized      |       | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E118976-20130619 |
|                    |       | B   |                  |
| Nominal voltage UN | 150 V |   |                  |
| Nominal current IN | 5 A   |   |                  |

|                            |         |   |          |
|----------------------------|---------|---|----------|
| VDE Zeichengenehmigung     |         | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40048497 |
|                            |         |   |          |
| Nominal voltage UN         | 160 V   |   |          |
| Nominal current IN         | 6 A     |   |          |
| mm <sup>2</sup> /AWG/kcmil | 0.14-.5 |   |          |

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

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