

# Feed-through header - PTSM 0,5/ 5-HV-2,5-THR WH R32 - 1815293

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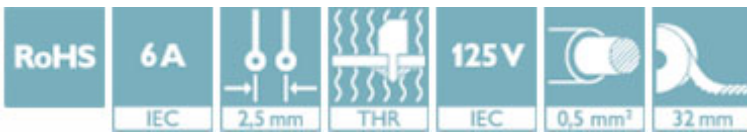


PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: THR soldering


The figure shows the 3-pos. version

## Your advantages

- ✓ White design: Stable color when welding and during use
- ✓ 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           | 330 pc  |
| Minimum order quantity | 330 pc  |
| GTIN                   | <br>4 046356 761505 |
| GTIN                   | 4046356761505   |

## Technical data

### Dimensions

|                          |              |
|--------------------------|--------------|
| Length [ l ]             | 5 mm         |
| Width                    | 14.2 mm      |
| Pitch                    | 2.5 mm       |
| Dimension a              | 10 mm        |
| Width [ w ]              | 14.2 mm      |
| Height [ h ]             | 9.5 mm       |
| Height                   | 7.5 mm       |
| Length of the solder pin | 2 mm         |
| Pin dimensions           | 0.6 x 0.6 mm |
| Pin spacing              | 2.50 mm      |
| Length                   | 5 mm         |

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## Technical data

### General

|  |                        |
|--|------------------------|
| Range of articles                      | PTSM 0,5/...-HV-THR WH |
| Insulating material group              | I                      |
| 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)                  | 125 V                  |
| Rated voltage (III/2)                  | 160 V                  |
| Rated voltage (II/2)                   | 320 V                  |
| Connection in acc. with standard       | EN-VDE                 |
| Nominal current $I_N$                  | 6 A                    |
| Maximum load current                   | 6 A                    |
| Insulating material                    | HT PA                  |
| Flammability rating according to UL 94 | V0                     |
| Color                                  | white                  |
| Number of positions                    | 5                      |

### Standards and Regulations

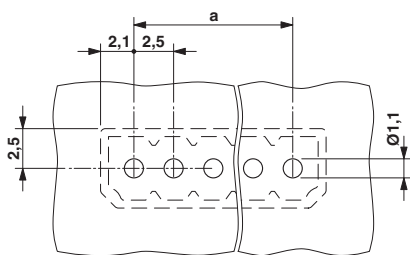
|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | UL     |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

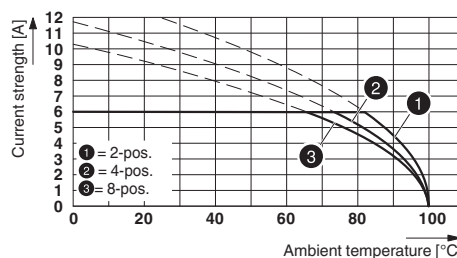
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram



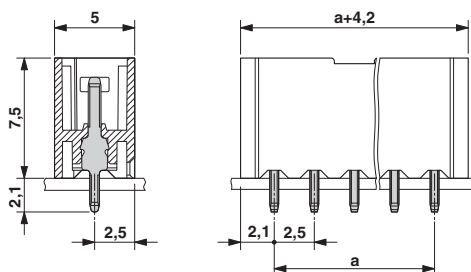
Diagram



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

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Dimensional drawing



## Approvals

### Approvals

Approvals

UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

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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## Approvals

|                    |   |   |
|--------------------|---|---|
| cULus 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> E60425-20110108 |
|                    |   | B   |
| Nominal voltage UN |   | 150 V   |
| Nominal current IN |   | 6 A   |

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