

# Feed-through header - PTSM 0,5/ 8-HH0-2,5-SMD R44 - 1808255

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PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 8, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: SMD soldering



The figure shows the 3-pos. 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
- Additional solder anchors reduce the mechanical strain on the soldering spots



## Key Commercial Data

|                        |               |
|------------------------|---------------|
| Packing unit           | 600 pc        |
| Minimum order quantity | 600 pc        |
| GTIN                   |               |
| GTIN                   | 4046356697316 |

## Technical data

### Dimensions

|              |         |
|--------------|---------|
| Length [ l ] | 9.5 mm  |
| Width        | 28.1 mm |
| Pitch        | 2.5 mm  |
| Dimension a  | 17.5 mm |
| Width [ w ]  | 28.1 mm |
| Height [ h ] | 5 mm    |
| Height       | 5 mm    |
| Length       | 9.5 mm  |

### General

|                           |                    |
|---------------------------|--------------------|
| Range of articles         | PTSM 0,5/..-HH-SMD |
| Insulating material group | IIIa               |

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## Technical data

### General

|  |        |
|--|--------|
| 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                    | 8      |

### Standards and Regulations

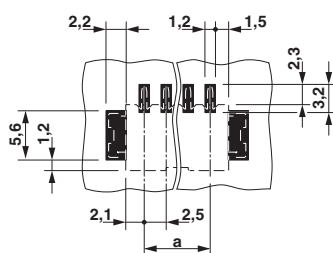
|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | UL     |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

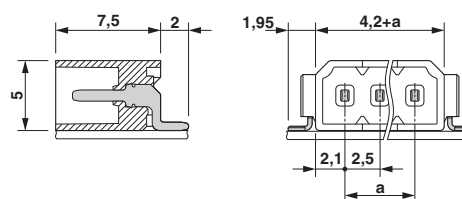
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram



Dimensional drawing



## Approvals

Approvals

Approvals

UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

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## Approvals

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

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