

## Feed-through header - PTSM 0,5/ 5-HH0-2,5-SMD R32 - 1808226

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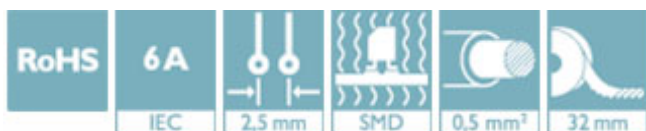


PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm<sup>2</sup>, number of positions: 5, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: SMD soldering, pin layout: Linear pad geometry

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                   | 4046356697286                                                                        |

### Technical data

#### Dimensions

|              |         |
|--------------|---------|
| Length [ l ] | 9.5 mm  |
| Width        | 18.1 mm |
| Pitch        | 2.5 mm  |
| Dimension a  | 10 mm   |
| Width [ w ]  | 18.1 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                    | 5      |

#### Standards and Regulations

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

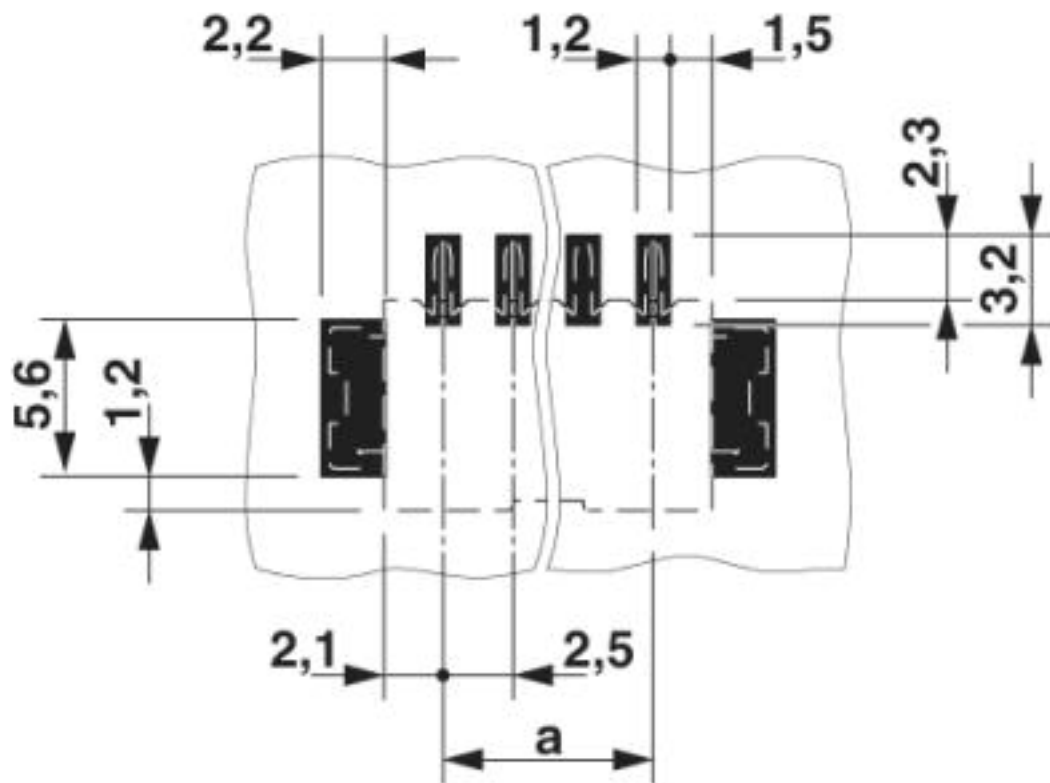
#### Environmental Product Compliance

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

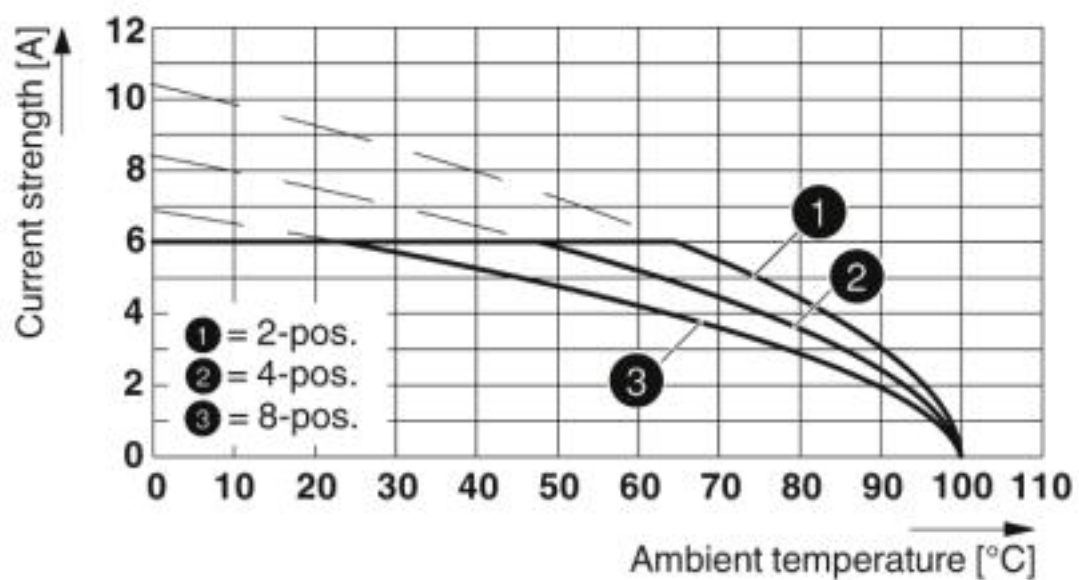
### Drawings

## Feed-through header - PTSM 0,5/ 5-HH0-2,5-SMD R32 - 1808226

Drilling diagram



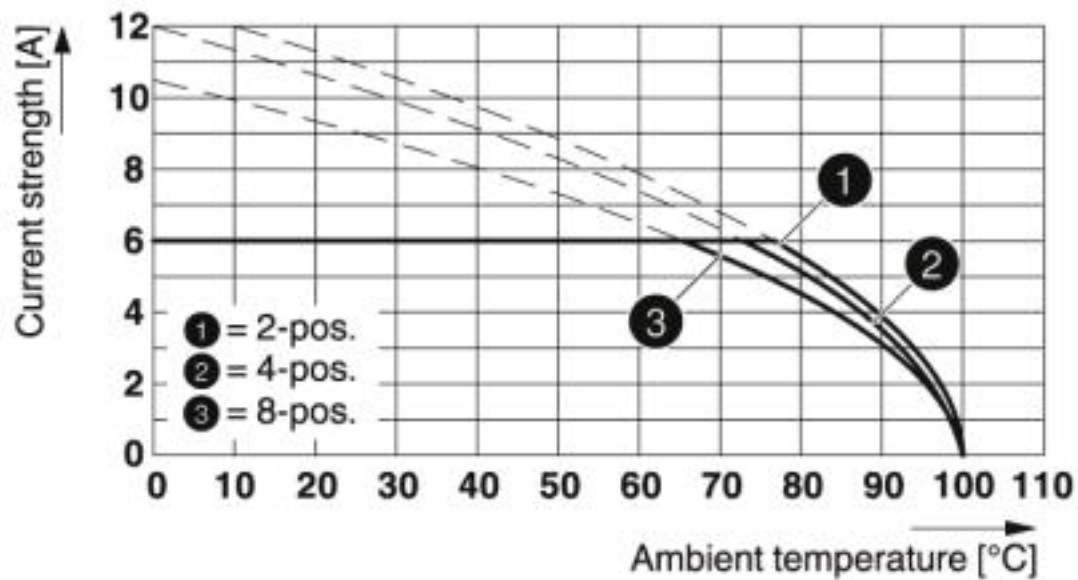
Diagram



Type: PTSM 0,5/...-HHI-2,5-SMD R... with PTSM 0,5/...-HH-2,5-SMD R...

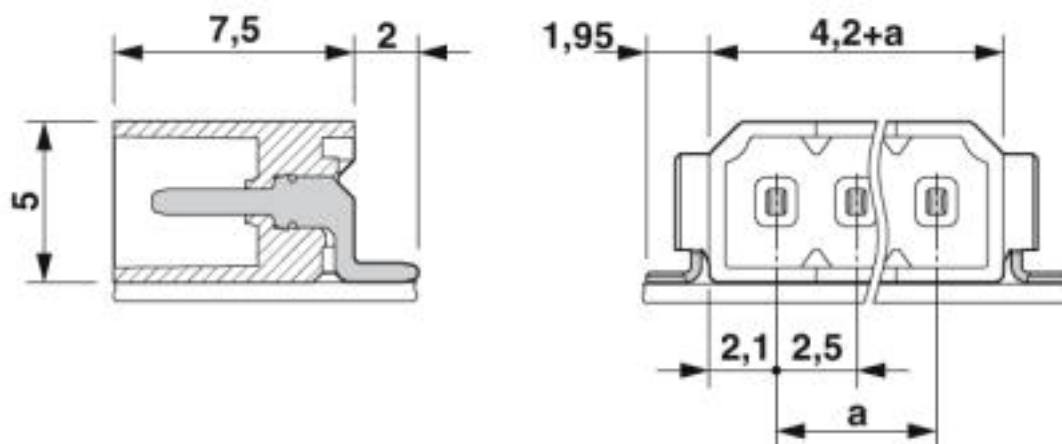
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Diagram



Type: PTSM 0,5/...-PL-2,5 ... with PTSM 0,5/...-HH-2,5-SMD... R...

Dimensional drawing



### Approvals

Approvals

Approvals

UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

Ex Approvals

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### 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                                                                                                                                                                                                       |          |
| mm²/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                                                                                                                                                                   |