

Base strip - PTSM 0,5/ 6-HTB-2,5-SMD WH R44 - 1830168

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.5 mm, Contact surface: Tin, mounting: SMD soldering


The illustration shows a 3-position version

Why buy this product

- ✓ 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
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots
- ✓ Through-board header for low plug-in connection height on the PCB



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| Minimum order quantity | 330 STK |
| GTIN |  4 046356 884563 |
| GTIN | 4046356884563 |
| Weight per Piece (excluding packing) | 2.970 g |
| Custom tariff number | 85366930 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|----------|
| Length | 9.5 mm |
| Pitch | 2.5 mm |
| Dimension a | 12.50 mm |

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Technical data

Dimensions

| | |
|--------|----------|
| Width | 19.70 mm |
| Height | 8.5 mm |

General

| | |
|--|------------------------|
| Range of articles | PTSM 0,5/..-HTB-SMD 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) | 250 V |
| Nominal current I_N | 6 A |
| Maximum load current | 6 A |
| Insulating material | HT PA |
| Flammability rating according to UL 94 | V0 |
| Number of positions | 6 |

Standards and Regulations

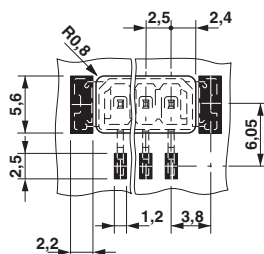
| | |
|--|----|
| Connection in acc. with standard | UL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

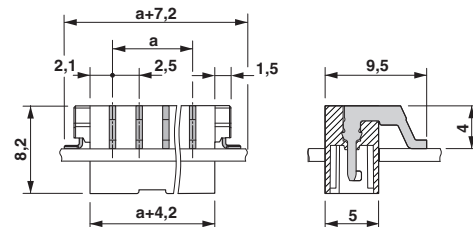
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Drilling diagram



Dimensional drawing



Base strip - PTSM 0,5/ 6-HTB-2,5-SMD WH R44 - 1830168

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 |
| eCl@ss 9.0 | 27440402 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals


Approvals

Approvals

UL Recognized / UL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|---|---|---------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |
| Nominal current I _N | 5 A | | |

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Approvals

| | |
|--------------------|-------|
| Nominal voltage UN | 150 V |
|--------------------|-------|

| | | | |
|---------------|--|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
|---------------|--|---|--------------|

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

| | | | |
|------------------|--|---|--------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
|------------------|--|---|--------------|

Accessories

Additional products

Sample set - SAMPLE PTSM 0,5/ 6-HTB...SMDWH - 1847177



Header, nominal current: 6 A, rated voltage (III/2): 160 V, pitch: 2.5 mm, Color: white, Contact surface: Tin, mounting: SMD soldering

Plug - PTSM 0,5/ 6-P-2,5 WH - 1704859



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.5 mm, connection method: Push-in spring connection, Color: white, Contact surface: Tin

Base strip - PTSM 0,5/ 6-HHI-2,5-SMD WHR44 - 1707998



Header, nominal current: 6 A, rated voltage (III/2): 160 V, pitch: 2.5 mm, Color: white, Contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

Base strip - PTSM 0,5/ 6-HTB-2,5-SMD WH R44 - 1830168

Accessories

Base strip - PTSM 0,5/ 6-HHI0-2,5-SMD WHR44 - 1815235



Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.5 mm, Color: white, Contact surface: Tin, mounting: SMD soldering

Base strip - PTSM 0,5/ 6-HHI-2,5-THR WH R32 - 1815028



Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.5 mm, Color: white, Contact surface: Tin, mounting: THR soldering

Plug - PTSM 0,5/ 6-PL-2,5 WH - 1709463



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.5 mm, connection method: Push-in spring connection, Color: white, Contact surface: Tin
