

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering

The figure shows a 3-position version

Why buy this product

- ✓ 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 | 1 STK |
| Minimum order quantity | 500 STK |
| GTIN | |
| GTIN | 4046356761215 |
| Weight per Piece (excluding packing) | 1.840 g |
| Custom tariff number | 85366930 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------|---------|
| Length [l] | 12 mm |
| Pitch | 2.5 mm |
| Dimension a | 7.5 mm |
| Width [w] | 10.5 mm |

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Constructional height | 5 mm |
| Height [h] | 7.1 mm |
| Length of the solder pin | 2.1 mm |
| Pin dimensions | 0,6 x 0,4 mm |
| Hole diameter | 1 mm |

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 | 4 |

Standards and Regulations

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

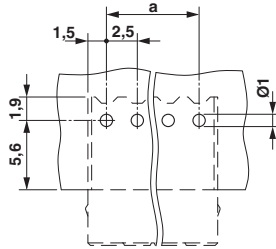
Environmental Product Compliance

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

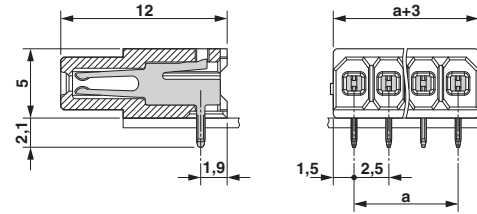
Drawings

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

Drilling diagram



Dimensional drawing



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals

Approvals

EAC / UL Recognized

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

Approvals

Ex Approvals

Approval details

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

| | | | |
|--------------------------------|--|---|------------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm | E118976-20130619 |
| | | B | |
| Nominal current I _N | | 5 A | |
| Nominal voltage U _N | | 150 V | |

Accessories

Additional products

Sample set - SAMPLE PTSM 0,5/ 4-HHI-2,5-THR - 1820877



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering

Header - PTSM 0,5/ 4-HH0-2,5-SMD R32 - 1808213



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: SMD soldering

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

Accessories

Header - PTSM 0,5/ 4-HH1-2,5-THR R32 - 1814799



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, Article with anti-rotation pin

Header - PTSM 0,5/ 4-HH-2,5-THR R32 - 1778641



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering

Printed-circuit board connector - PTSM 0,5/ 4-HV-2,5-THR R32 - 1778573



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering

Printed-circuit board connector - PTSM 0,5/ 4-PI-2,5 BK - 1709437



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Header - PTSM 0,5/ 4-HH-2,5-SMD R32 - 1778780



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin
