

# Feed-through header - PTSM 0,5/ 6-HH1-2,5-THR R32 - 1814812

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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: 6, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, Article with anti-rotation pin

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



## Key Commercial Data

Packing unit	500 pc
Minimum order quantity	500 pc
GTIN	
GTIN	4046356760560

## Technical data

### Dimensions

Length [ l ]	7.5 mm
Width	16.7 mm
Pitch	2.5 mm
Dimension a	12.5 mm
Width [ w ]	16.7 mm
Height [ h ]	7 mm
Installed height	5 mm
Length of the solder pin	2 mm
Pin dimensions	0.6 x 0.6 mm
Length	7.5 mm

### General

Range of articles	PTSM 0,5/..-HH-THR
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## Technical data

### General

Rated voltage (III/3)	50 V
Rated voltage (III/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	6 A
Color	black
Number of positions	6

### Standards and Regulations

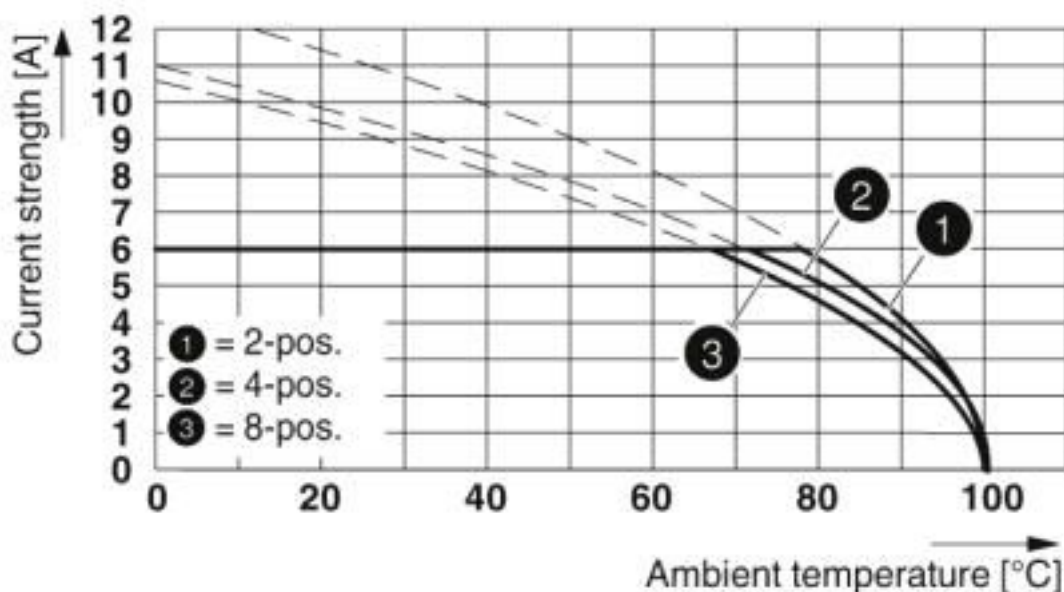
Connection in acc. with standard	EN-VDE
	UL

### Environmental Product Compliance

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

## Drawings

Diagram



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

## Classifications

eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700

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### Classifications

#### eCl@ss

eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
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
ETIM 7.0	EC002637

#### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

### Approvals

#### Approvals

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#### Approvals

UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

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#### Ex Approvals

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#### Approval details

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## Approvals

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.01687
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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

## Accessories

### Additional products

Printed-circuit board connector - PTSM 0,5/ 6-P-2,5 - 1778874



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm<sup>2</sup>, number of positions: 6, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Feed-through header - PTSM 0,5/ 6-HHI-2,5-SMD R44 - 1810751



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

## Feed-through header - PTSM 0,5/ 6-HH1-2,5-THR R32 - 1814812

### Accessories

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#### Feed-through header - PTSM 0,5/ 6-HHI0-2,5-SMD R44 - 1815167



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

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#### Feed-through header - PTSM 0,5/ 6-HHI1-2,5-THR R32 - 1810829



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm<sup>2</sup>, number of positions: 6, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.1 mm, Article with anti-rotation pin

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#### Feed-through header - PTSM 0,5/ 6-HHI-2,5-THR R32 - 1815099



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm<sup>2</sup>, number of positions: 6, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.1 mm

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#### Plug - PTPM 0,2/ 6-P-2,5 - 1780493



PCB connector, number of positions: 6, pitch: 2.5 mm, color: black, contact surface: Tin

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#### Plug - PTPM 0,4/ 6-P-2,5 - 1780545



PCB connector, number of positions: 6, pitch: 2.5 mm, color: black, contact surface: Tin

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## Feed-through header - PTSM 0,5/ 6-HH1-2,5-THR R32 - 1814812

### Accessories

Printed-circuit board connector - PTSM 0,5/ 6-PL-2,5 BK - 1709447



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm<sup>2</sup>, number of positions: 6, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

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