

## Feed-through header - PTSM 0,5/ 4-HH0-2,5-SMD R32 - 1808213

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, number of positions: 4, 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	1 pc
Minimum order quantity	600 pc
GTIN	 4 046356 697279
GTIN	4046356697279
Weight per Piece (excluding packing)	1.466 g
Custom tariff number	85366930
Country of origin	India

### Technical data

#### Dimensions

Length [ l ]	9.5 mm
Width	15.6 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Width [ w ]	15.6 mm

# Feed-through header - PTSM 0,5/ 4-HH0-2,5-SMD R32 - 1808213

## Technical data

### Dimensions

Height [ h ]	5 mm
Height	5 mm
Length	9.5 mm

### General

Range of articles	PTSM 0,5/..-HH-SMD
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)	50 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	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	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

## Classifications

### eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402

# Feed-through header - PTSM 0,5/ 4-HH0-2,5-SMD R32 - 1808213

## Classifications

### eCl@ss

eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	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 / VDE Zeichengenehmigung / EAC / cULus Recognized

#### 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	

# Feed-through header - PTSM 0,5/ 4-HH0-2,5-SMD R32 - 1808213

## Approvals

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
Nominal voltage UN	150 V		
Nominal current IN	6 A		

## Accessories

### Additional products

Sample set - SAMPLE PTSM 0,5/ 4-HH0-2,5SMDWH - 1820660



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering

Printed-circuit board connector - PTSM 0,5/ 4-P-2,5 - 1778858



PCB connector, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

## Feed-through header - PTSM 0,5/ 4-HH0-2,5-SMD R32 - 1808213

### Accessories

Feed-through header - PTSM 0,5/ 4-HHI-2,5-SMD R44 - 1810735



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

---

Feed-through header - PTSM 0,5/ 4-HHI0-2,5-SMD R44 - 1815141



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: SMD soldering

---

Feed-through header - PTSM 0,5/ 4-HHI1-2,5-THR R32 - 1810803



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, Article with anti-rotation pin

---

Feed-through header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering

---

Plug - PTPM 0,2/ 4-P-2,5 - 1780480



## Feed-through header - PTSM 0,5/ 4-HH0-2,5-SMD R32 - 1808213

### Accessories

Plug - PTPM 0,4/ 4-P-2,5 - 1780532



PCB connector, number of positions: 4, pitch: 2.5 mm, color: black

---

Printed-circuit board connector - PTSM 0,5/ 4-PL-2,5 BK - 1709444



PCB connector, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

---

---