

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

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

The figure shows a 3-position 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
- ✔ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- ✔ Additional solder anchors reduce the mechanical strain on the soldering spots



## Key Commercial Data

Packing unit	500 pc
Minimum order quantity	500 pc
GTIN	
GTIN	4046356707282

## Technical data

### Dimensions

Length [ l ]	14 mm
Width	19.8 mm
Pitch	2.5 mm
Dimension a	12.5 mm
Width [ w ]	19.8 mm
Height [ h ]	5 mm
Height	5 mm
Length	14 mm

### General

Range of articles	PTSM 0,5/...-HHI-SMD
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## Technical data

### General

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	6

### Standards and Regulations

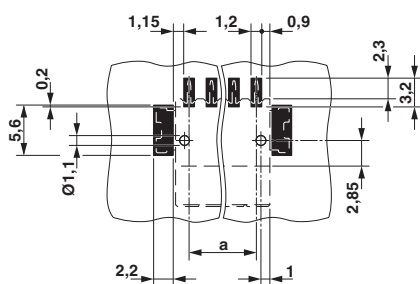
Connection in acc. with standard	UL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

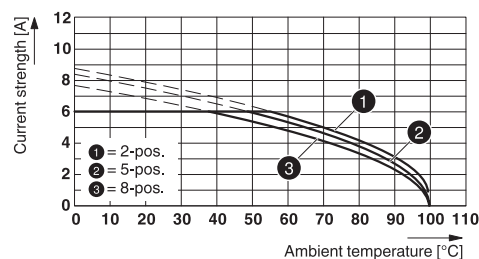
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



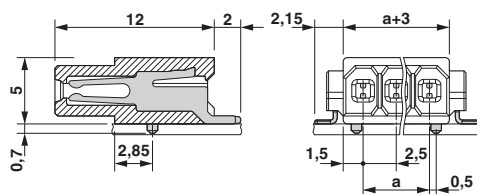
Diagram



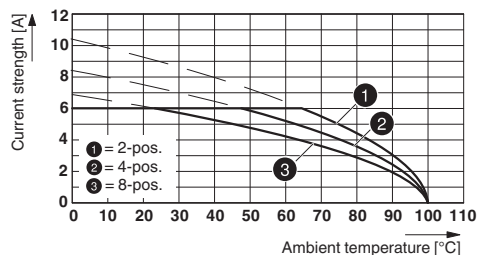
Type: PTSM 0,5/...-PI-2,5 BK with PPTSM 0,5/...-HHI-2,5-SMD R...

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Dimensional drawing



Diagram



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

## Approvals

### Approvals

#### Approvals

UL Recognized / VDE Zeichengenehmigung / EAC

#### 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		

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
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