

## Base strip - PTSM 0,5/ 8-HHI-2,5-SMD R44 - 1810777

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: SMD soldering, Article with anti-rotation pin

The illustration 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
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	500 STK
Weight per Piece (excluding packing)	3.080 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	2.50 mm
Dimension a	17.5 mm
Constructional height	5 mm
Length of the solder pin	2 mm

#### General

Range of articles	PTSM 0,5/..-HHI-SMD
Insulating material group	IIIa

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### Technical data

#### General

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)	160 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	8

#### Standards and Regulations

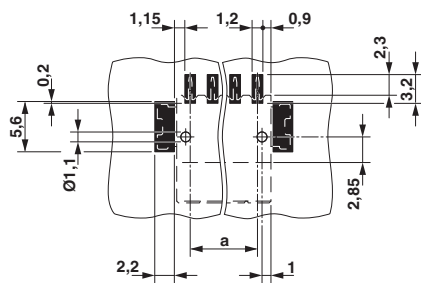
Connection in acc. with standard	UL
Flammability rating according to UL 94	V0

#### Environmental Product Compliance

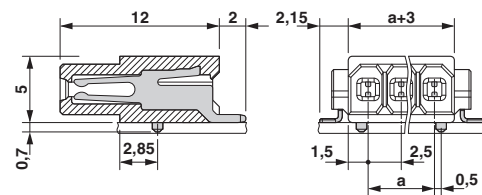
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Drawings

Drilling diagram

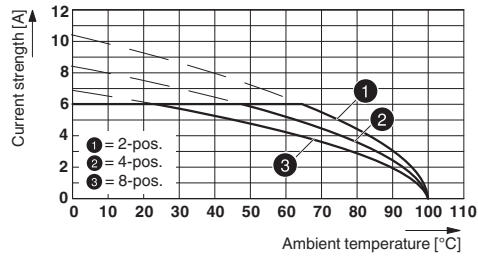


Dimensional drawing



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Diagram



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

## Approvals

Approvals

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Approvals

UL Recognized / EAC

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Ex Approvals

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## 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> FILE E 118976	
	B
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	150 V

EAC B.01742
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