

## Base strip - PTSM 0,5/ 3-HV-2,5-THR R32 - 1778560

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering

### 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
- ✓ Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	330 STK
GTIN	 4 046356 529730
GTIN	4046356529730
Weight per Piece (excluding packing)	1.880 g
Custom tariff number	85366930
Country of origin	India

### Technical data

#### Dimensions

Length	5 mm
Pitch	2.5 mm
Dimension a	5.00 mm
Width	9.20 mm
Constructional height	7.5 mm
Height	9.5 mm

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### Technical data

#### Dimensions

Length of the solder pin	2 mm
Pin dimensions	0,6 x 0,6 mm
Pin spacing	2.50 mm
Hole diameter	1.1 mm

#### General

Range of articles	PTSM 0,5/..-HV-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)	50 V 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	3

#### Standards and Regulations

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

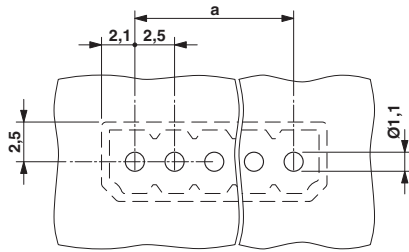
#### Environmental Product Compliance

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

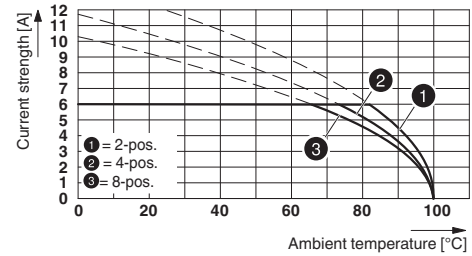
### Drawings

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Drilling diagram

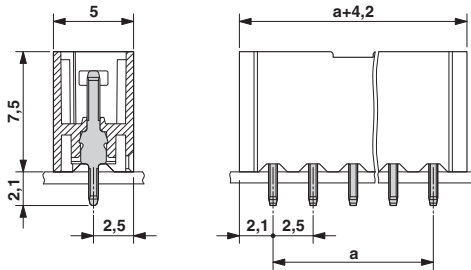


Diagram

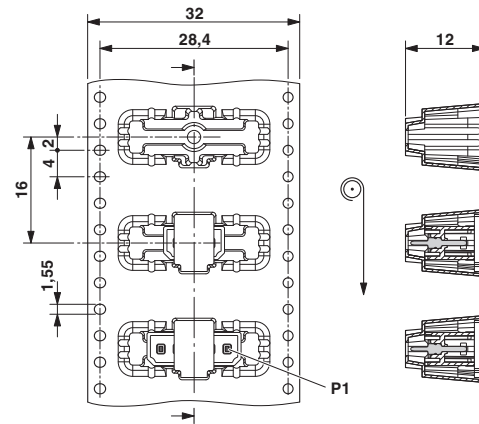


Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R...

Dimensional drawing



Dimensional drawing



## Approvals

Approvals

Approvals


UL Recognized / UL Recognized / EAC / cULus Recognized


Ex Approvals


Approval details

## Base strip - PTSM 0,5/ 3-HV-2,5-THR R32 - 1778560

### 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>	FILE E 60425
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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 IN		5 A	
Nominal voltage UN		150 V	

EAC			B.01742
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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>	FILE E 60425
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