

## Base strip - PTSM 0,5/ 2-HV-2,5-THR R32 - 1778557

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, Color: black, Contact surface: Tin, mounting: THR soldering

The illustration shows the 3-pos. 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
- ✓ Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	330 STK
GTIN	
GTIN	4046356529723
Weight per Piece (excluding packing)	1.760 g
Custom tariff number	85366930
Country of origin	India

### Technical data

#### Dimensions

Length	5 mm
Pitch	2.5 mm
Dimension a	2.50 mm
Width	6.70 mm

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### Technical data

#### Dimensions

Constructional height	7.5 mm
Height	9.5 mm
Length of the solder pin	2 mm
Pin dimensions	0,6 x 0,6 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
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	2

#### Standards and Regulations

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

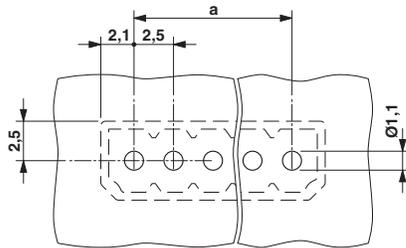
#### Environmental Product Compliance

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

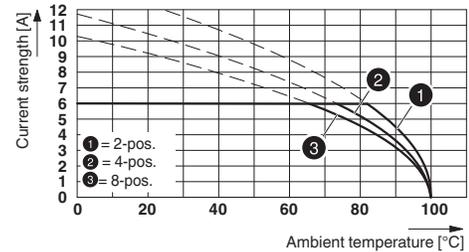
### Drawings

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Drilling diagram

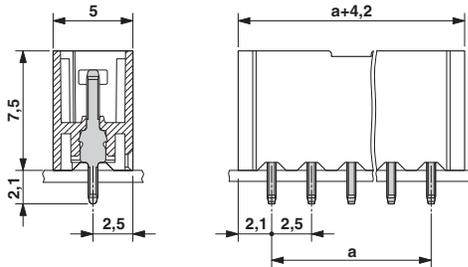


Diagram

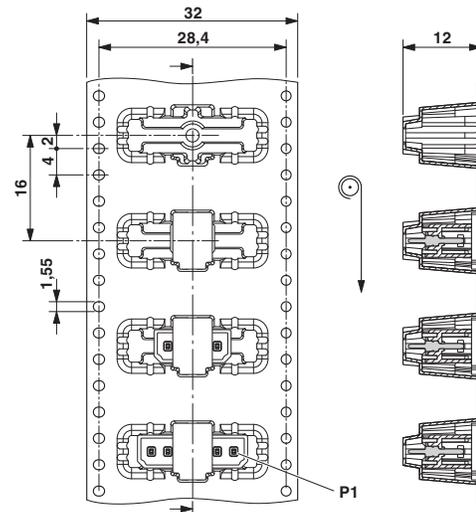


Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R...

Dimensional drawing



Dimensional drawing



## Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
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## Classifications

### ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	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 / UL Recognized / 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>	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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### Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 60425

### Accessories

#### Additional products

Plug - PTSM 0,5/ 2-P-2,5 - 1778832



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, connection method: Push-in spring connection, Color: black, Contact surface: Tin

Plug - PTPM 0,2/ 2-P-2,5 - 1780477



Plug component, nominal current: 2 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, connection method: IDC fast connection, Color: black, Contact surface: Tin

Plug - PTPM 0,4/ 2-P-2,5 - 1780529



Plug component, nominal current: 4 A, rated voltage (III/2): 125 V, number of positions: 2, pitch: 2.5 mm, connection method: IDC fast connection, Color: black, Contact surface: Tin