

## Base strip - PTSM 0,5/ 4-HV-2,5-THR R32 - 1778573

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, Color: black, contact surface: Tin, mounting: THR soldering


The figure 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	330 STK
Minimum order quantity	330 STK
GTIN	 4 046356 529747
GTIN	4046356529747
Weight per Piece (excluding packing)	1.930 g
Custom tariff number	85366930
Country of origin	India
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length [ l ]	5 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Width [ w ]	11.7 mm
Constructional height	7.5 mm
Height [ h ]	9.5 mm
Length of the solder pin	2 mm
Pin dimensions	0,6 x 0,6 mm

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## Technical data

### Dimensions

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
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
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	4

### Standards and Regulations

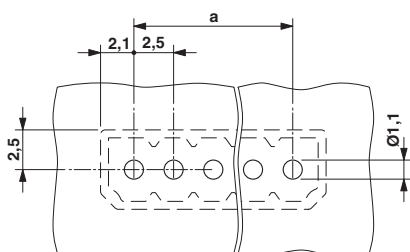
Connection in acc. with standard	EN-VDE
	UL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

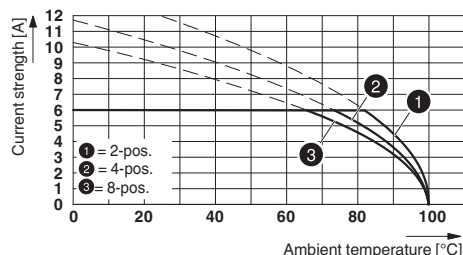
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



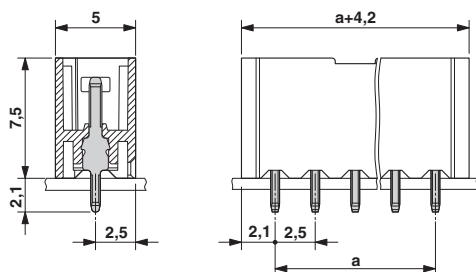
Diagram



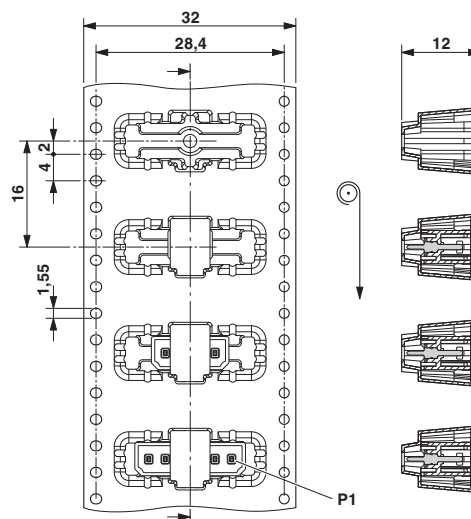
Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R...

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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
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

# Base strip - PTSM 0,5/ 4-HV-2,5-THR R32 - 1778573

## 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 I <sub>N</sub>		5 A	
Nominal voltage U <sub>N</sub>		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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## Accessories

### Additional products

Plug - PTSM 0,5/ 4-P-2,5 - 1778858



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, Color: black, contact surface: Tin

## Base strip - PTSM 0,5/ 4-HV-2,5-THR R32 - 1778573

### Accessories

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



Plug component, nominal current: 2 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, Color: black, contact surface: Tin

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



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

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