



**Automatización Eléctrica**  
Especialistas en Automatización

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## Base strip - PTSM 0,5/ 3-HH-2,5-THR WH R32 - 1814854

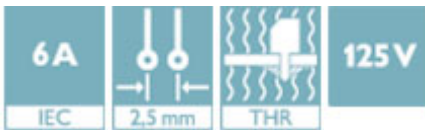
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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: THR soldering

### Why buy this product

- Compatible with PTSM.../PTPM... plugs
- High current carrying capacity of 6 A
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- Specifically designed for use in reflow/soldering processes



### Key Commercial Data

Packing unit	500 STK
Minimum order quantity	500 STK
GTIN	 4 046356 760607

### Technical data

#### Dimensions

Length	7.5 mm
Pitch	2.50 mm
Dimension a	5 mm
Constructional height	5 mm
Height	5 mm
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

Insulating material group	I
Rated surge voltage (III/3)	2.5 kV

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### Technical data

#### General

Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	125 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	6 A
Maximum load current	6 A
Insulating material	HT PA
Flammability rating according to UL 94	V0
Color	white
Number of positions	3

#### Standards and Regulations

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

### Classifications

#### eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002637

#### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

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## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / UL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized

cUL Recognized

	B
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	150 V

UL Recognized

	B
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	150 V

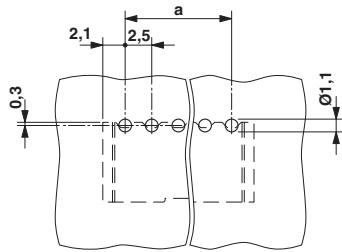
EAC

cULus Recognized

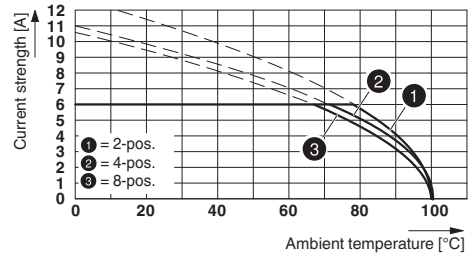
## Drawings

# Base strip - PTSM 0,5/ 3-HH-2,5-THR WH R32 - 1814854

Drilling diagram

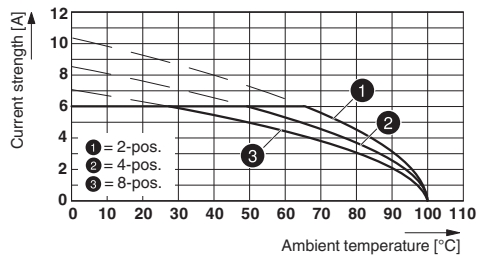


Diagram

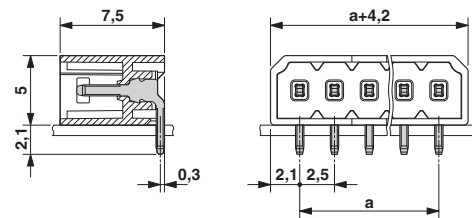


Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HH-2,5-THR R..

Diagram



Dimensional drawing



Type: PTSM 0,5/...-HH1-2,5-THR R... with PTSM 0,5/...-HH-2,5-THR R..

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To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: Taped SMD/THT/THR components	1814854	PTSM 0,5/ 3-HH-2,5-THR WH R32	<a href="#">Buy on EAN</a>