

## Sample set - SAMPLE PTSM 0,5/ 8-HV-2,5-THR - 1785964

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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: 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	5 STK
Minimum order quantity	5 STK
GTIN	 4 046356 572088
GTIN	4046356572088
Weight per Piece (excluding packing)	1.760 g
Custom tariff number	85369010
Country of origin	India

### Technical data

#### Dimensions

Length	5 mm
Pitch	2.5 mm
Dimension a	17.5 mm
Constructional height	7.5 mm
Height	7.5 mm
Length of the solder pin	2 mm
Pin dimensions	0,6 x 0,6 mm
Pin spacing	2.50 mm

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## Technical data

### Dimensions

Hole diameter	1.1 mm
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### 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	8

### Standards and Regulations

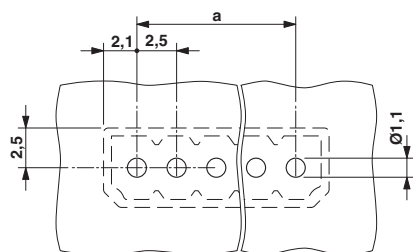
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

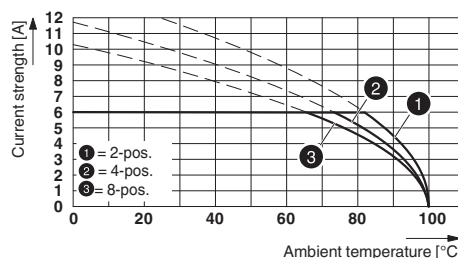
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



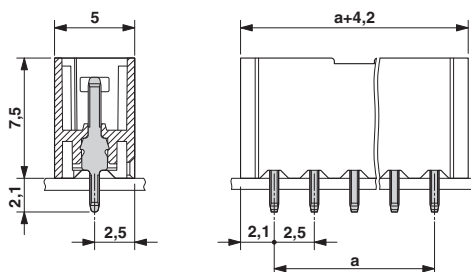
Diagram



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

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Dimensional drawing



## 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	27261101
eCl@ss 7.0	27440401
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

Approvals

EAC


Ex Approvals

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### Approvals

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#### Approval details

EAC		B.01742
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### Accessories

#### Additional products

Base strip - PTSM 0,5/ 8-HV-2,5-THR R44 - 1778612



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[25.193.0303.0](#) [25.320.1353.1](#) [25.320.4053.1](#) [25.320.4553.9](#) [25.320.4753.1](#) [25.320.5453.1](#) [25.326.3453.1](#) [25.330.1353.1](#) [25.330.4853.1](#)  
[25.330.5153.1](#) [25.330.5353.1](#) [25.340.0353.1](#) [25.340.1053.1](#) [25.345.3553.0M001](#) [25.600.4053.0](#) [25.640.3553.1](#) [SH02-5,08](#)