

# Sample set - SAMPLE PTSM 0,5/ 2-HHI-2,5-THR - 1820851

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

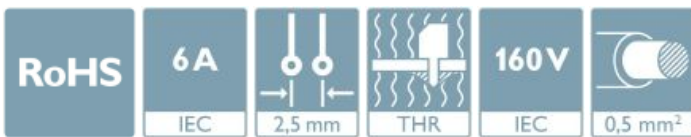


PCB header, nominal cross section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 2, Number of rows: 1, Number of positions per row: 2, number of connections: 2, product range: PTSM 0,5/...-HHI-THR, pitch: 2.5 mm, mounting: THR soldering, pin layout: Linear pad geometry, solder pin [P]: 2.1 mm, plug-in system: COMBICON COMPACT PTSM, Locking: without, type of packaging: packed in cardboard


The figure shows a 3-position version

## Your advantages

- Designed for integration into the SMT soldering process
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



## Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 046356 787529
GTIN	4046356787529
Weight per Piece (excluding packing)	1.030 g
Custom tariff number	85369010
Country of origin	Germany
Sales Key	AACMBA

## Technical data

### Dimensions

Length [ l ]	12 mm
Width	5.5 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Width [ w ]	5.5 mm
Height [ h ]	7.1 mm
Installed height	5 mm

# Sample set - SAMPLE PTSM 0,5/ 2-HHI-2,5-THR - 1820851

## Technical data

### Dimensions

Length of the solder pin	2.1 mm
Length	12 mm

### General

Range of articles	PTSM 0,5/..-HHI-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)	63 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	200 V
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	2

### Standards and Regulations

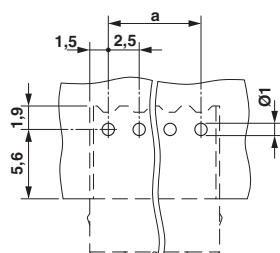
Flammability rating according to UL 94	V0
--	----

### Environmental Product Compliance

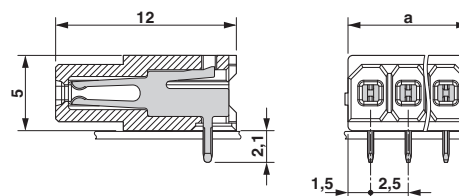
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram

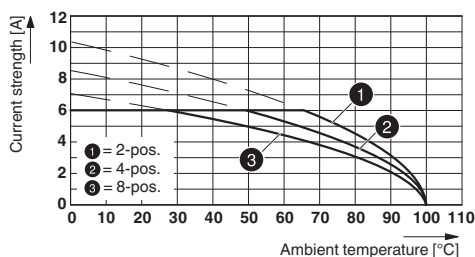


Dimensional drawing



# Sample set - SAMPLE PTSM 0,5/ 2-HHI-2,5-THR - 1820851

Diagram



Type: PTSM 0,5/...-HHI1-2,5-THR R... with PTSM 0,5/...-HH-2,5-THR R...

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 11.0	27460201
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 6.0	EC002637
ETIM 7.0	EC002637

### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

## Approvals

Approvals

## Sample set - SAMPLE PTSM 0,5/ 2-HHI-2,5-THR - 1820851

### Approvals

Approvals


EAC

---

Ex Approvals

---

### Approval details

EAC		B.01687
-----	---	---------

### Accessories

#### Additional products

Feed-through header - PTSM 0,5/ 2-HHI-2,5-THR R24 - 1815057



PCB header, nominal cross section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 2, Number of rows: 1, Number of positions per row: 2, number of connections: 2, product range: PTSM 0,5/..-HHI-THR, pitch: 2.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.1 mm, plug-in system: COMBICON COMPACT PTSM, Locking: without, type of packaging: 24 mm wide tape