

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Phoenix Contact](#)  
[1814964](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

<https://www.phoenixcontact.com/us/products/1814964>


## Header - PTSM 0,5/ 7-HH0-2,5-SMD WH R44 - 1814964

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Header, Nominal current: 6 A, Rated voltage (III/2): 250 V, Number of positions: 7, Pitch: 2.5 mm, Color: White, Contact surface: Tin, Assembly: Taped SMD/THT/THR components



### Key commercial data

Packing unit	1 pc
Minimum order quantity	600 pc
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	7.5 mm
Height	5 mm
Pitch	2.5 mm
Dimension a	15 mm

#### General

Range of articles	PTSM 0,5/..-HH-SMD
Insulating material group	I
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)	125 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A

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### Technical data

#### General

Maximum load current	6 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	White
Number of positions	7

### 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	27440401

#### 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

### Approvals

#### Approvals

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GOST / UL Recognized / UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

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### Approvals

Approvals submitted

### Approval details

GOST
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UL 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

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

cULus Recognized
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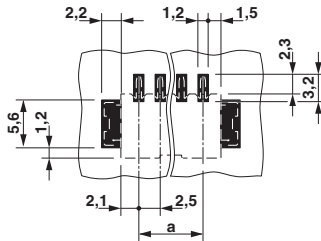
### Drawings

https://www.phoenixcontact.com/us/products/1814964

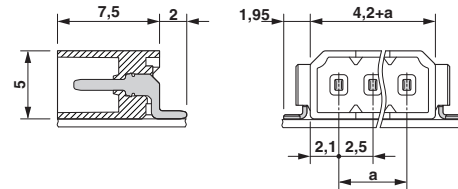


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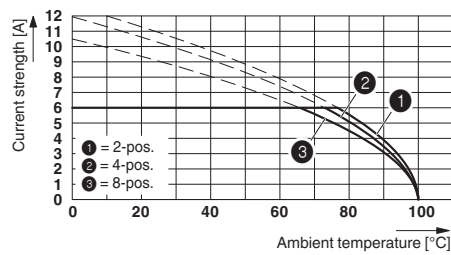
Drilling diagram



Dimensioned drawing



Diagram



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