



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Header - PTSM 0,5/ 5-HH0-2,5-SMD WH R32 - 1814948

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Header, Nominal current: 6 A, Rated voltage (III/2): 250 V, Number of positions: 5, 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
Weight per Piece (excluding packing)	1.634 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	7.5 mm
Height	5 mm
Pitch	2.5 mm
Dimension a	10 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

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### Technical data

#### General

Nominal current $I_N$	6 A
Maximum load current	6 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	White
Number of positions	5

### 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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#### Approvals

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

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## Approvals

Ex Approvals

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Approvals submitted

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### 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

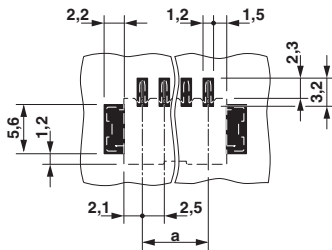
cUL Recognized	
	B
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	150 V

cULus Recognized	
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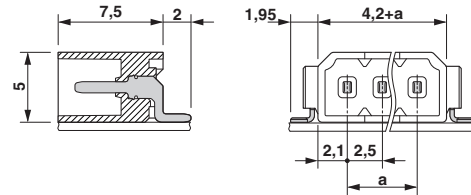
# Header - PTSM 0,5/ 5-HH0-2,5-SMD WH R32 - 1814948

## Drawings

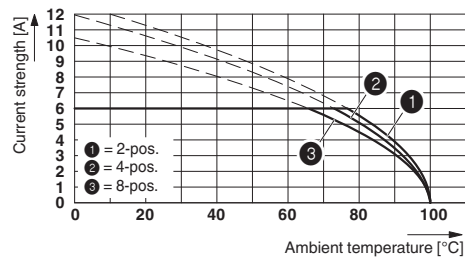
Drilling diagram



Dimensioned drawing



Diagram



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