



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!



## Contact us

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**PTSM 0,5/ 5-HV-2,5-THR R32**

Order No.: 1778586

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1778586>

Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 2.5 mm, Color: black, Metal surface: Sn, Assembly: SMD/THT/THR

**Commercial data**

GTIN (EAN)	
sales group	E430
Pack	330 pcs.
Customs tariff	85369010
Catalog page information	Page 185 (NTK-2010)

**Product notes**

WEEE/RoHS-compliant since:  
09/17/2009



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****Dimensions / positions**

Length	5 mm
Pitch	2.5 mm
Dimension a	10 mm
Number of positions	5

Pin dimensions	0,6 x 0,6 mm
Pin spacing	2.50 mm
Hole diameter	1.1 mm

#### Technical data

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/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A
Nominal voltage $U_N$	50 V
Maximum load current	6 A
Insulating material	LCP
Inflammability class acc. to UL 94	V0
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	6 A

#### Certificates / Approvals

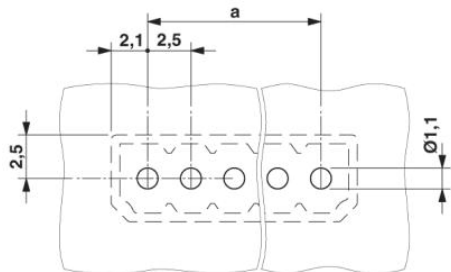


Certification

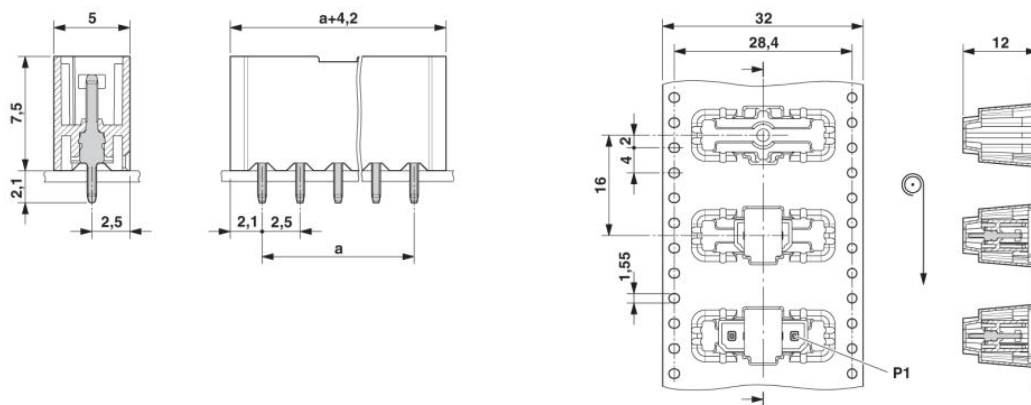
CUL, UL

## Diagrams/Drawings

### Drilling plan/solder pad geometry



### Dimensioned drawing



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