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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PHŒNIX CONTACT

PCB terminal block - PTSM 0,5/ 5-2,5-H THR R32 - 1770911

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://download.phoenixcontact.com)

PCB terminal block, Nominal current: 6 A, Nom. voltage: 200 V, Pitch: 2.5 mm, Number of positions: 5, Connection method: Spring-cage conn., Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

Why buy this product

☑ Compact low-profile THR PCB terminal block with 2.5 mm pitch

☑ High current carrying capacity for high power transmission

☑ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting

☑ Specifically designed for use in reflow/soldering processes

☑ Double solder pins for stable hold on the PCB

☑ Spring-cage connection with direct plug-in technology with a release mechanism

Key commercial data

Packing unit	0
Minimum order quantity	530
Catalog page	Page 51 (CC-2011)
GTIN	4 046356 459495
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	10 mm
Pitch	2.5 mm
Dimension a	10 mm
Number of positions	5
Pin dimensions	0,3 X 0,8 mm
Pin spacing	2.5 mm
Hole diameter	1.2 mm

Technical data

Range of articles	PTSM 0,5/..-H-THR

PCB terminal block - PTSM 0,5/ 5-2,5-H THR R32 - 1770911

Technical data

Technical data

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)	200 V
Rated voltage (II/2)	200 V
Connection in acc. with standard	EN-VDE
Nominal current IN	6 A
Nominal cross section	0.5 mm²
Maximum load current	6 A
Insulating material	LCP
Inflammability class according to UL 94	V0
Stripping length	6 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	5 A

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	20

Classifications

eclass

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

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002643

PHŒNIX CONTACT

PCB terminal block - PTSM 0,5/ 5-2,5-H THR R32 - 1770911

Classifications

etim

ETIM 5.0	EC002643

unspsc

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

		B
mm²/AWG/kcmil	26-20	
Nominal current IN	6 A	
Nominal voltage UN	150 V	

cUL Recognized

		B
mm²/AWG/kcmil	26-20	
Nominal current IN	6 A	
Nominal voltage UN	150 V	

GOST

PCB terminal block - PTSM 0,5/ 5-2,5-H THR R32 - 1770911

Approvals

cULus Recognized
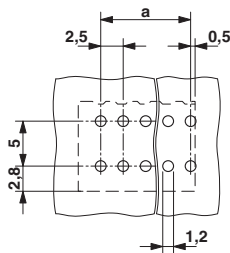
Accessories

Accessories
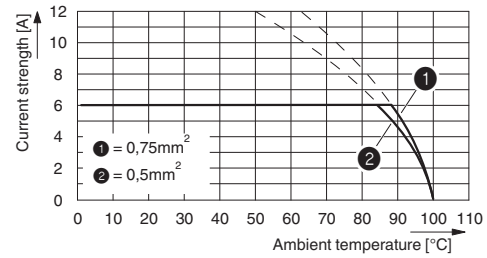
Tools

Screwdriver - SZS 0,4X2,0 - 1205202

Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap
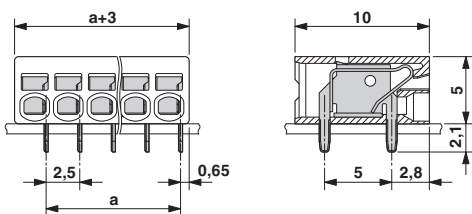
Drawings

Drilling diagram

Diagram

Dimensioned drawing

Dimensioned drawing