

**PTSM 0,5/ 4-2,5-H THR R32**

Order No.: 1770908

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1770908>

PC terminal block, Nominal current: 6 A, Nom. voltage: 63 V, Pitch: 2.5 mm, Number of positions: 4, Type of connection: Spring-cage conn., Assembly: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

Commercial data	
EAN	4046356459488
sales group	E411
Pack	530 pcs.
Customs tariff	85369010
Weight/Piece	0.00169 KG
Catalog page information	Page 463 (CC-2009)

## Product notes

WEEE/RoHS-compliant since:  
04/26/2010



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**Technical data**

Dimensions / positions	
Length	10 mm
Pitch	2.5 mm
Dimension a	7.5 mm

Number of positions	4
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
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)	200 V
Rated voltage (II/2)	200 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A
Nominal voltage $U_N$	63 V
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	6 A
Insulating material	LCP
Inflammability class acc. 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 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	20

## Certificates / Approvals



Certification CUL, UL

### CUL

Nominal voltage $U_N$	150 V
Nominal current $I_N$	5 A
AWG/kcmil	26-20

### UL

Nominal voltage $U_N$	150 V
Nominal current $I_N$	5 A
AWG/kcmil	26-20

## Accessories

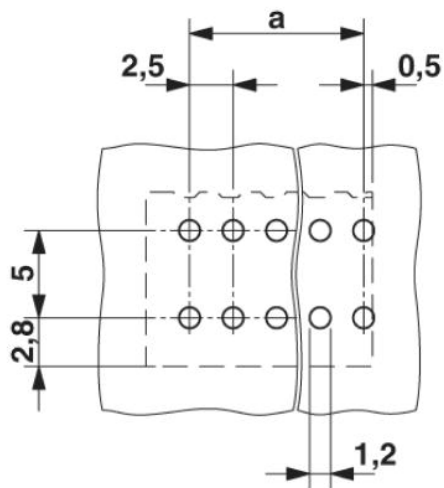
Item	Designation	Description
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### Tools

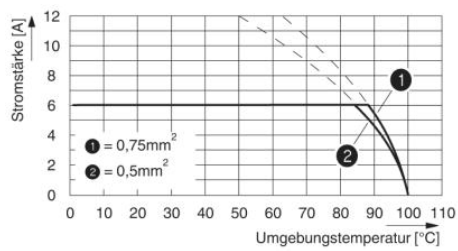
1205202	SZS 0,4X2,0	Mikro-Schraubendreher, Schlitz, Größe: 0,4x2,0x60 mm, 2-Komponentengriff, mit Abrollschutz und drehbarer Kappe
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### Diagrams/Drawings

Drilling plan/solder pad geometry

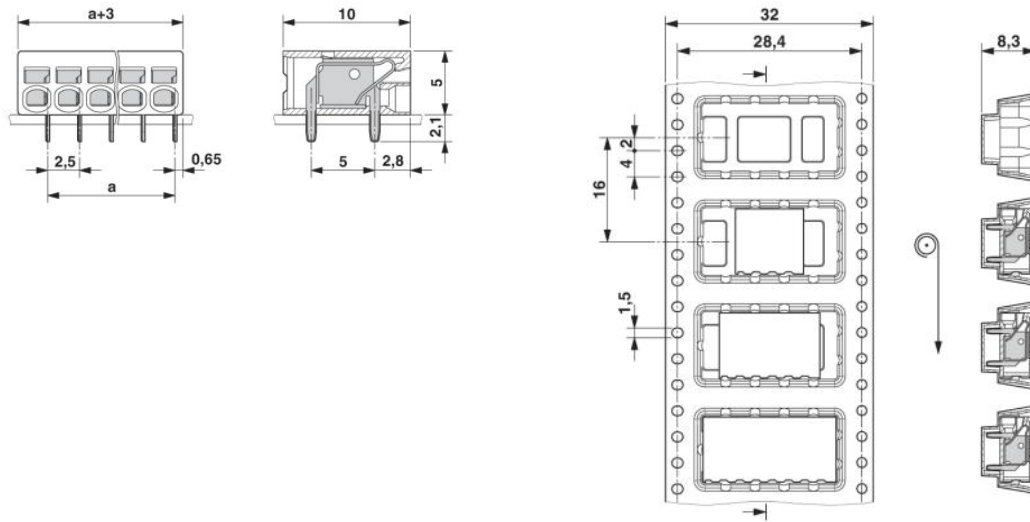


Diagram



Dimensioned drawing

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