

## PTSM 0,5/ 6-2,5-H SMD R44

Order No.: 1771062


The illustration shows the 3-pos. version



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1771062>

PC terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.5 mm, Number of positions: 6, Connection method: Spring-cage conn., Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

### Commercial data

EAN	 4 046356 459716
Pack	770
Customs tariff	85369010
Country of Origin	DE
Catalog page information	Page 53 (CC-2011)

### Product notes

WEEE/RoHS-compliant since:  
09/10/2008



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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Length	9 mm
Pitch	2.5 mm
Dimension a	12.5 mm
Number of positions	6

Pin spacing	2.5 mm
<b>Technical data</b>	
Range of articles	PTSM 0,5/...-H-SMD
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)	32 V
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 cross section	0.5 mm <sup>2</sup>
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

<b>Connection data</b>	
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

Certification	CUL, GOST, UL
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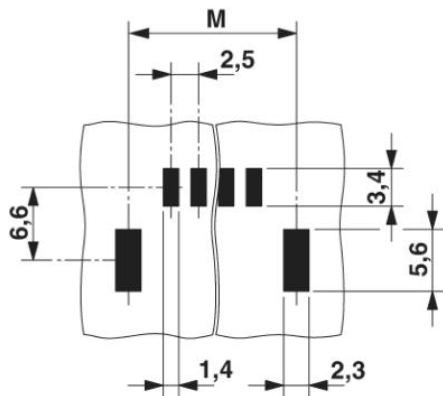
**Accessories**

Item	Designation	Description
<b>Tools</b>		
1205202	SZS 0,4X2,0	Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

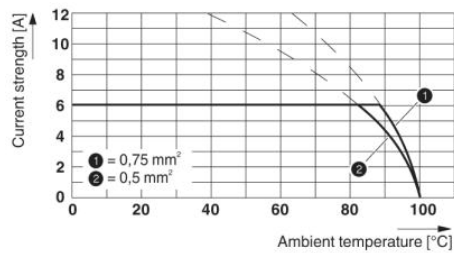
**Drawings**

Drilling plan/solder pad geometry

Dimension M: 17.7 mm

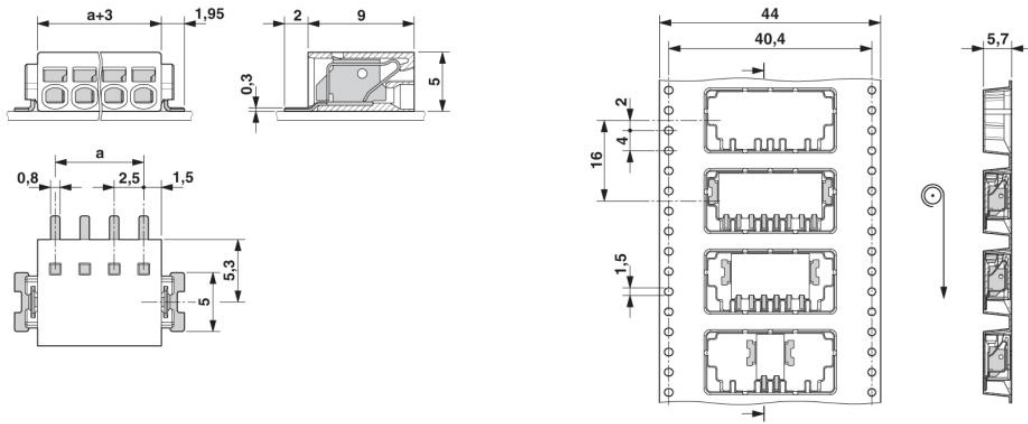


Diagram



Dimensioned drawing

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Connection data incl. use groups

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