


## PTSM 0,5/ 2-2,5-H SMD R24

Order No.: 1702473

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1702473>

PC terminal block, Nominal current: 6 A, Nom. voltage: 160 V,  
Pitch: 2.5 mm, Number of positions: 2, Connection method: Spring-  
cage conn., Mounting: SMD/THT/THR, Conductor/PCB connection  
direction: 0 °, Color: black

### Commercial data

GTIN (EAN)	
sales group	E410
Pack	770 pcs.
Customs tariff	85369010
Catalog page information	Page 53 (CC-2011)

### Product notes

WEEE/RoHS-compliant since:  
06/17/2010



<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	9 mm
Pitch	2.5 mm
Dimension a	2.5 mm

Number of positions	2
Pin spacing	2.5 mm

**Technical data**

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 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

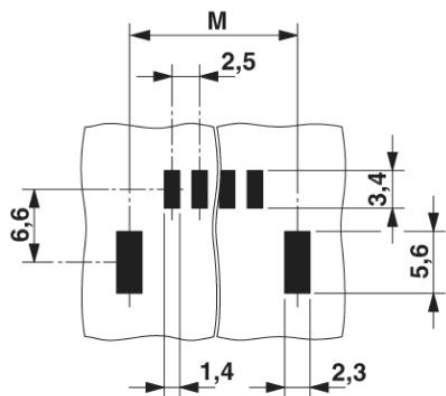
**Accessories**

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

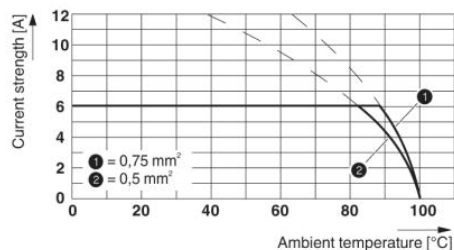
**Diagrams/Drawings**

Drilling plan/solder pad geometry

Dimension M: 7.7 mm

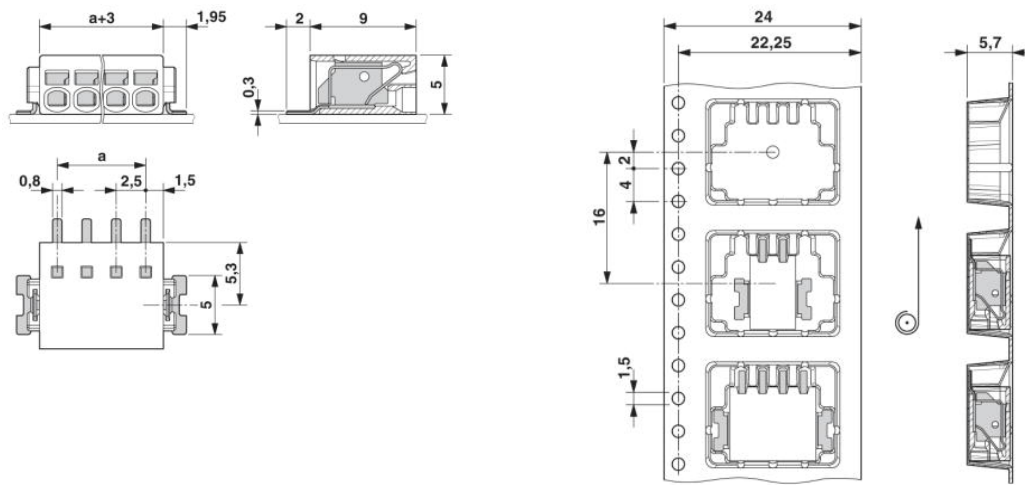


Diagram



**Type: PTSM 0,5/...-2,5-H- SMD R44**  
 Tested in accordance with DIN EN 605<sup>^</sup>12-5-2:2003-01  
 Reduction factor = 1  
 No. of positions: 5

Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2011 Phoenix Contact  
Technical modifications reserved;