

## PTSM 0,5/ 4-2,5-H SMD R24


Order No.: 1702474



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1702474>

PC terminal block, Nominal current: 6 A, Nom. voltage: 160 V,  
Pitch: 2.5 mm, Number of positions: 4, Connection method: Spring-  
cage conn., Mounting: SMD/THT/THR, Conductor/PCB connection  
direction: 0 °, Color: black

### Commercial data

GTIN (EAN)	
sales group	E411
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](http://www.download.phoenixcontact.com)  
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### Technical data

#### Dimensions / positions

Length	9 mm
Pitch	2.5 mm
Dimension a	7.5 mm

Number of positions	4
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

#### 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

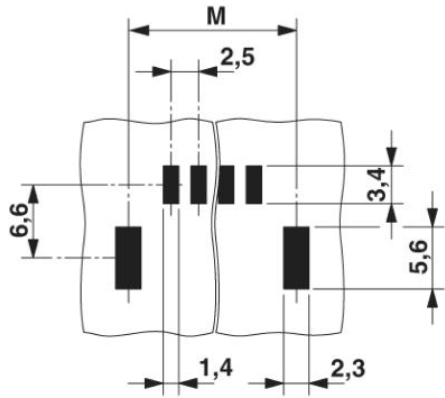
#### Accessories

Item	Designation	Description
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

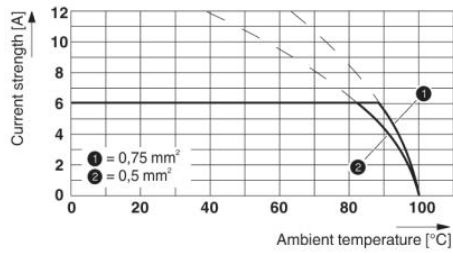
**Diagrams/Drawings**

Drilling plan/solder pad geometry

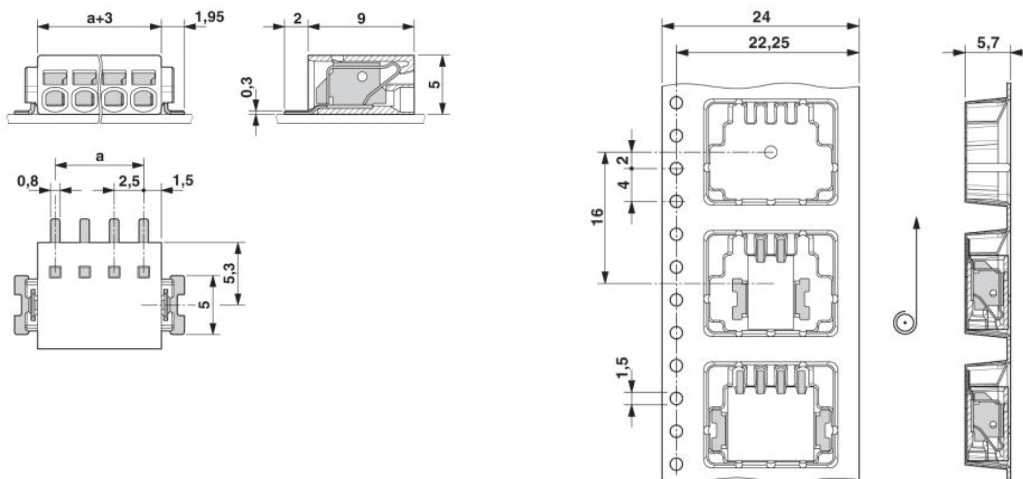
Dimension M: 12.7 mm



Diagram



Dimensioned drawing



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