

**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)               | <br>4 046356 592314 |
| 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)  
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 | 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                   |

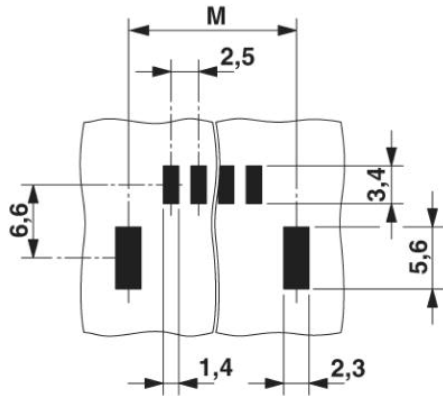
#### Accessories

| Item         | Designation | Description                                                                                            |
|--------------|-------------|--------------------------------------------------------------------------------------------------------|
| <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 |

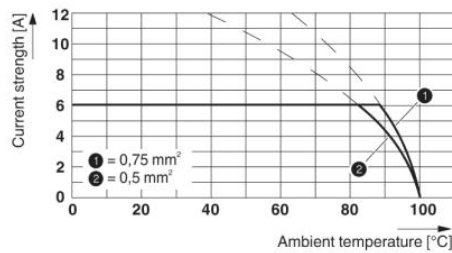
## Diagrams/Drawings

Drilling plan/solder pad geometry

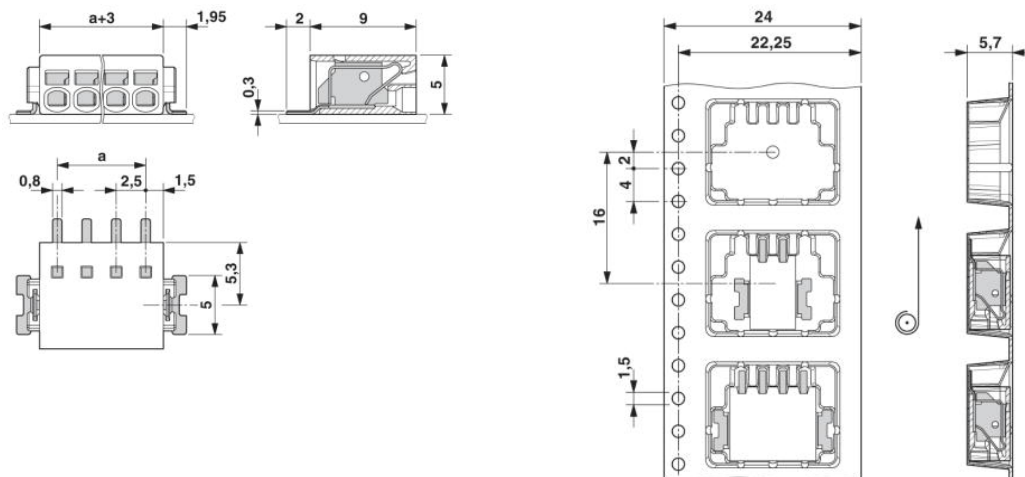
Dimension M: 12.7 mm



Diagram



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>



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