



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 ²
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 ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm ²
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

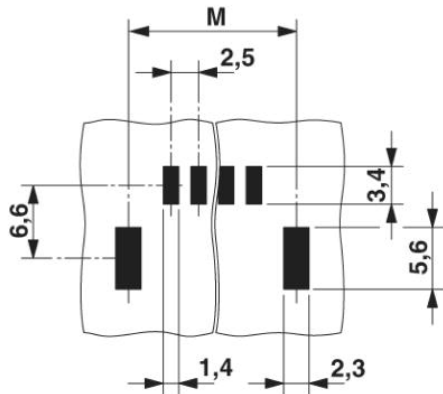
Accessories

Item	Designation	Description
Tools		
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

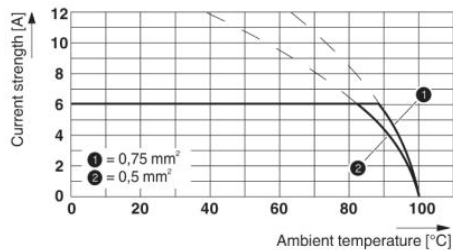
Diagrams/Drawings

Drilling plan/solder pad geometry

Dimension M: 7.7 mm

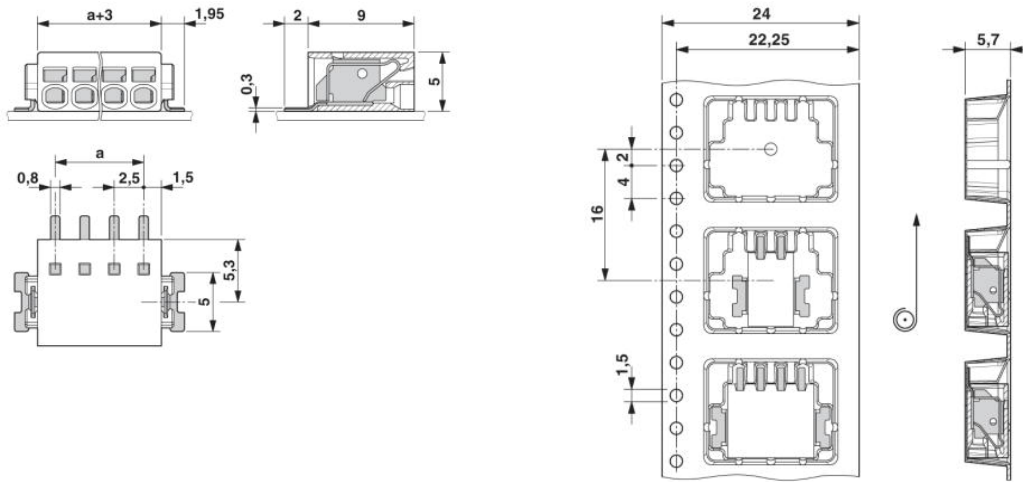


Diagram



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

Dimensioned drawing



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