Extract from the online catalog

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

Order No.: 1702473

The illustration shows the 3-pos. version



http://eshop.phoenixcontact.co.uk/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	
EAN	4 046356 592307
Pack	770
Customs tariff	85369010
Country of Origin	DE
Catalog page information	Page 53 (CC-2011)

Product notes

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

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	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 mm²
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

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm²
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

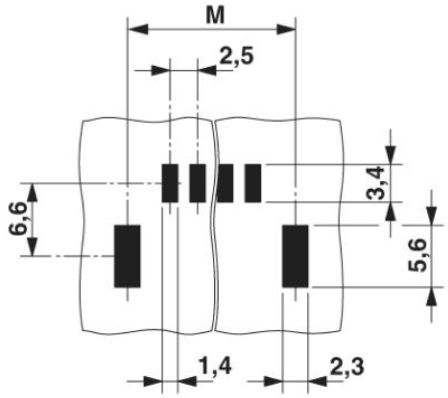
Certification	CUL, GOST, UL

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

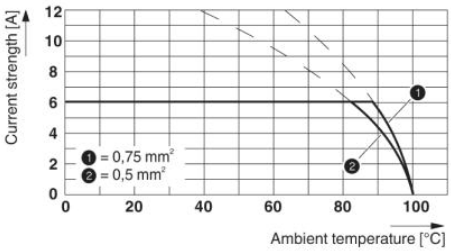
Drawings

Drilling plan/solder pad geometry



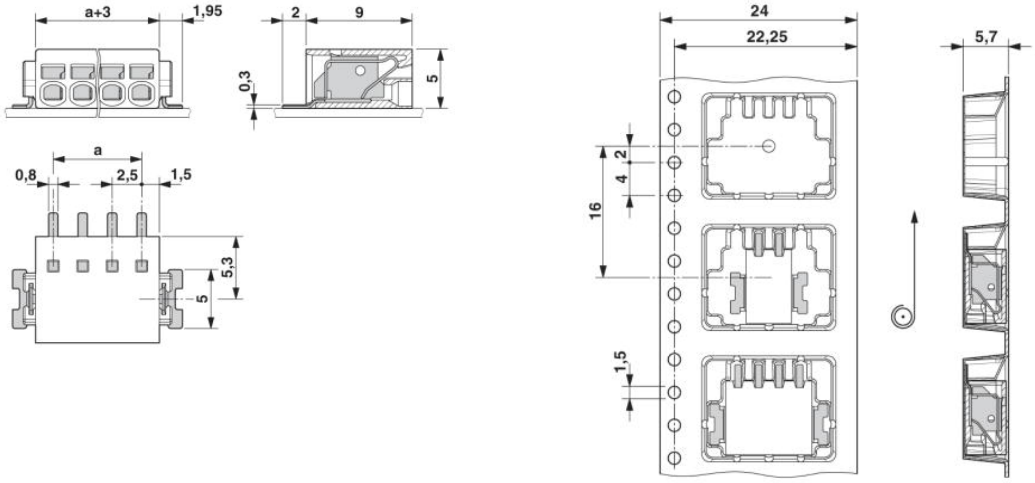
Dimension M: 7.7 mm

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



Connection data incl. use groups



Address

PHOENIX CONTACT Ltd
Halesfield 13
Telford / Shropshire / TF7 4PG,England
Phone 01952 681 700
Fax 01952 681 799
http://www.phoenixcontact.co.uk

Phoenix Contact Ltd.
Technical modifications reserved;