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Stocking Distributor

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Extract from the online catalog


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)	 4 046356 592307
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

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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

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Certificates / Approvals



Certification

CUL, UL

Accessories

Item	Designation	Description
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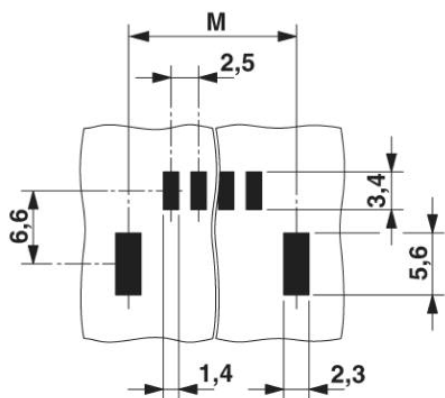
Tools

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
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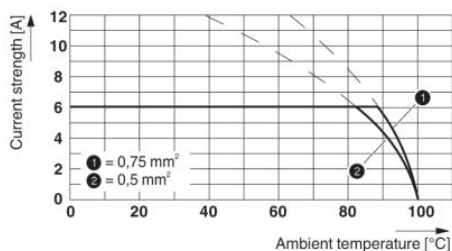
Diagrams/Drawings

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 605¹²-5-2:2003-01

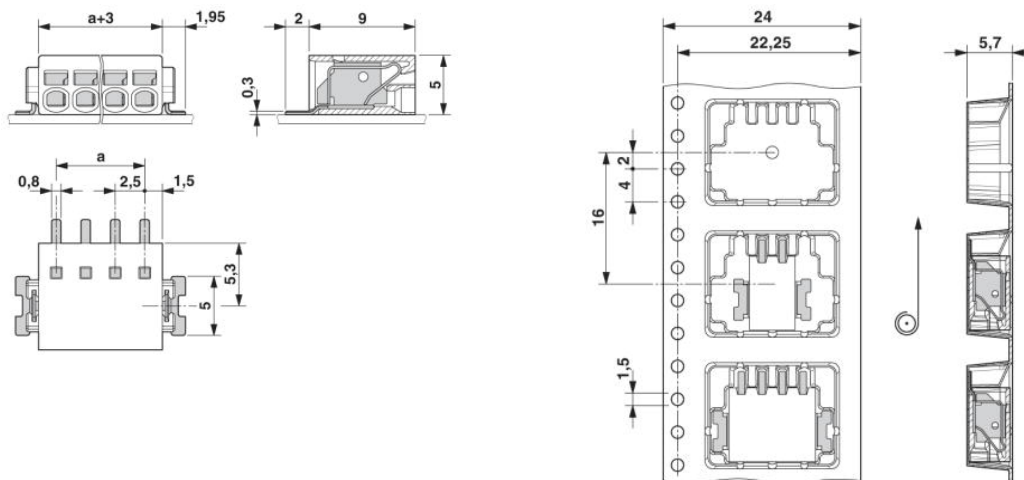
Reduction factor = 1

No. of positions: 5

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Dimensioned drawing



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