

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

Order No.: 1702473



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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



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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	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

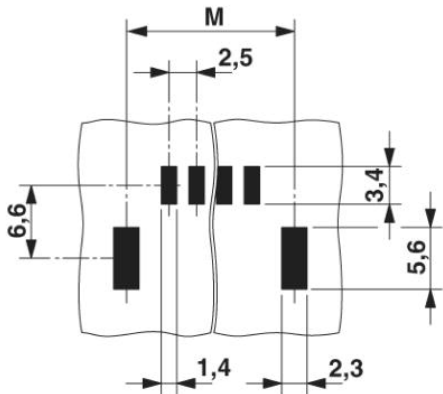
Accessories

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

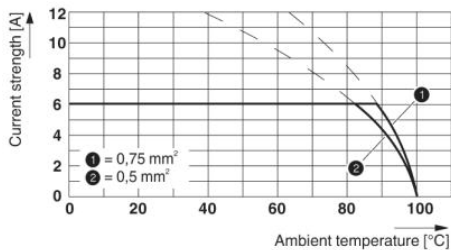
Diagrams/Drawings

Drilling plan/solder pad geometry

Dimension M: 7.7 mm

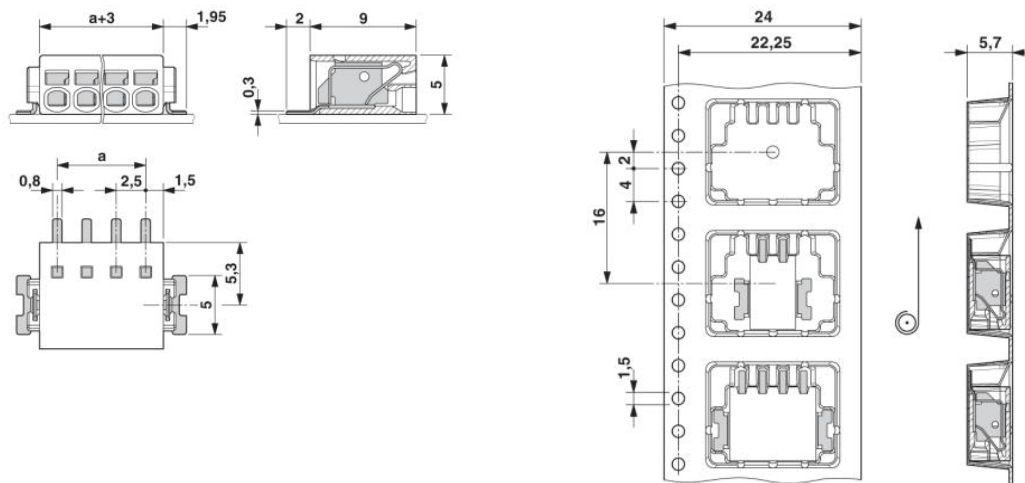


Diagram



Type: PTSM 0,5/...-2,5-H- SMD R44
Tested in accordance with DIN EN 605¹²-5-2:2003-01
Reduction factor = 1
No. of positions: 5

Dimensioned drawing



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