

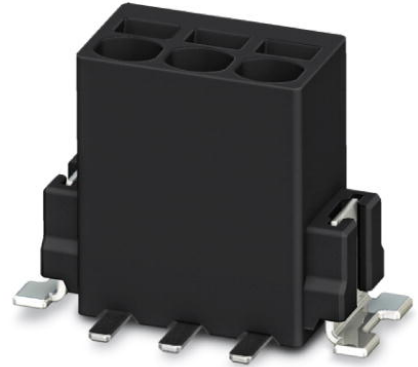


**THE DATASHEET OF
1771091**



PTSM 0,5/ 2-2,5-V SMD R44

Order No.: 1771091

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1771091>

PC terminal block, Nominal current: 6 A, Nom. voltage: 32 V, Pitch: 2.5 mm, Number of positions: 2, Type of connection: Spring-cage conn., Assembly: SMD/THT/THR, Conductor/PCB connection direction: 90 °, Color: black

Commercial data	
EAN	4046356460125
Pack	400 pcs.
Customs tariff	85369010
Weight/Piece	0.002051 KG
Catalog page information	Page 465 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
10/20/2009



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Technical data	
Dimensions / positions	
Length	5 mm
Pitch	2.5 mm
Dimension a	2.5 mm

Number of positions	2
Pin spacing	2.5 mm

Technical data

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/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal voltage U_N	32 V
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

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

Certificates / Approvals

Certification CUL, UL

CUL

Nominal voltage U_N	150 V
Nominal current I_N	5 A
AWG/kcmil	26-20

UL

Nominal voltage U_N	150 V
Nominal current I_N	5 A
AWG/kcmil	26-20

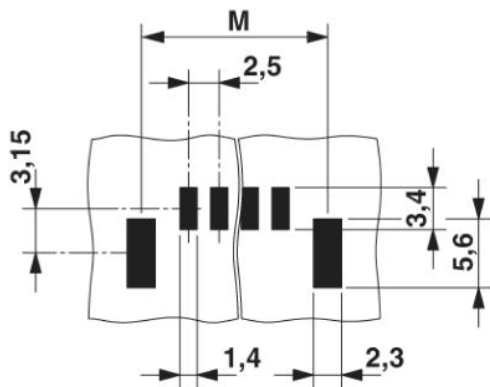
Accessories

Item	Designation	Description
Tools		
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade width: 2.5 mm, without approvals

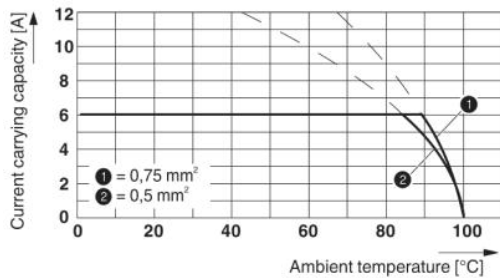
Diagrams/Drawings

Drilling plan/solder pad geometry

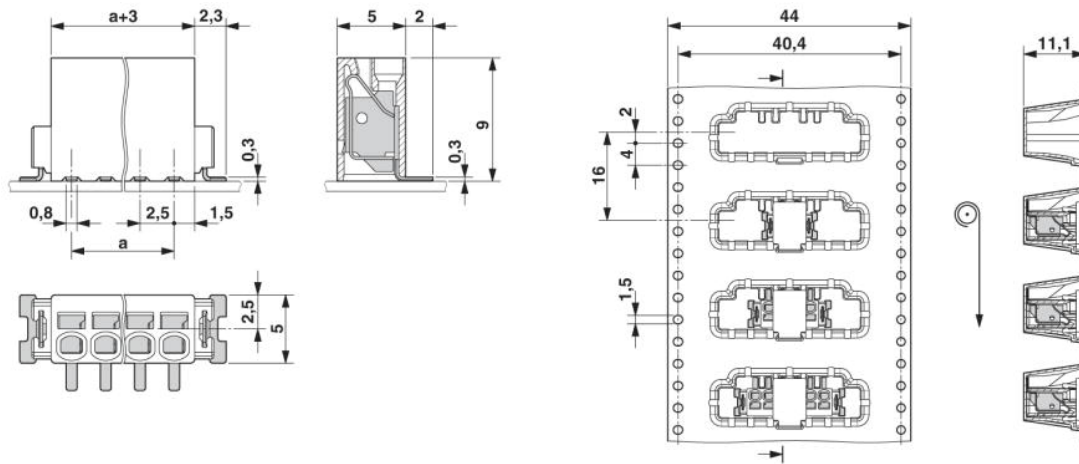
Dimension M: 8.4 mm



Diagram



Dimensioned drawing



Address



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