Extract from the online catalog

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

Order No.: 1771059



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1771059

PC terminal block, Nominal current: 6 A, Nom. voltage: 32 V, Pitch: 2.5 mm, Number of positions: 5, Type of connection: Spring-cage conn., Assembly: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

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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.

Commercial data	
EAN	4046356459709
Pack	770 pcs.
Customs tariff	85369010
Weight/Piece	0.001896 KG
Catalog page information	Page 465 (CC-2009)

Technical data

Dimensions / positions

Length	9 mm
Pitch	2.5 mm
Dimension a	10 mm
Number of positions	5
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 mm²
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 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.	26
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

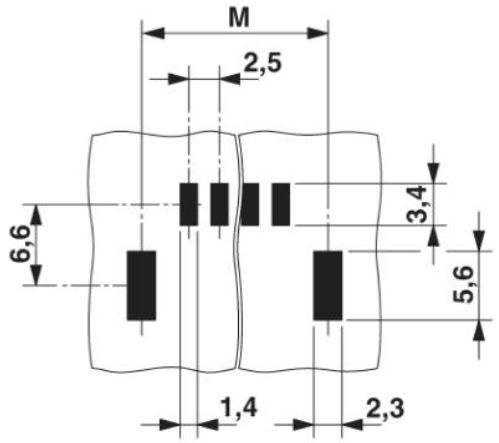
Accessories

Item	Designation	Description
Tools		
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm² connection cross section, blade width: 2.5 mm, without approvals

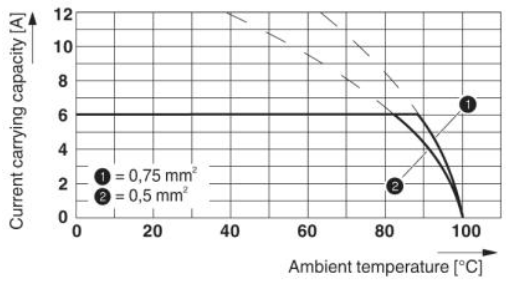
Diagrams/Drawings

Drilling plan/solder pad geometry

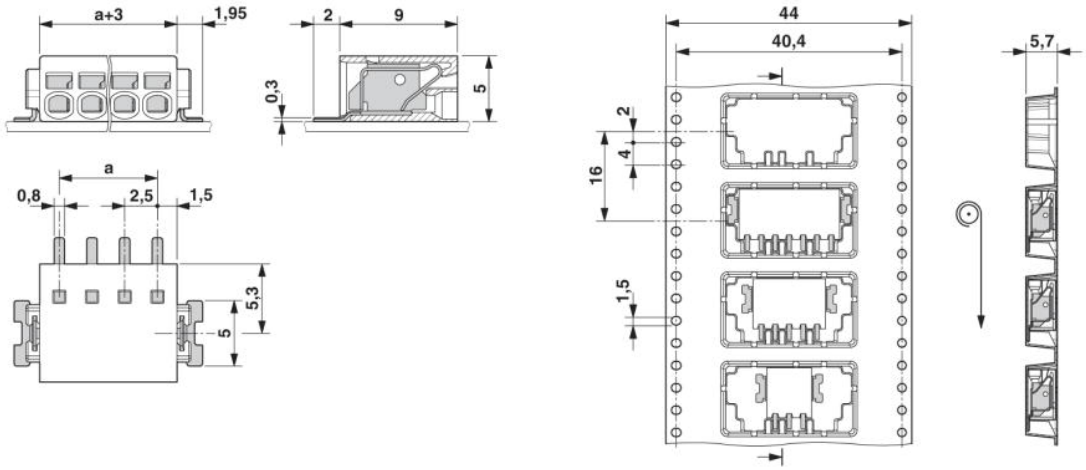
Dimension M: 15.2 mm



Diagram



Dimensioned drawing



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