

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

Order No.: 1771059

<http://eshop.phoenixcontact.net/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

Commercial data	
EAN	4046356459709
sales group	E411
Pack	770 pcs.
Customs tariff	85369010
Weight/Piece	0.00185 KG
Catalog page information	Page 465 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
04/26/2010



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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

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/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
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.	26
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

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

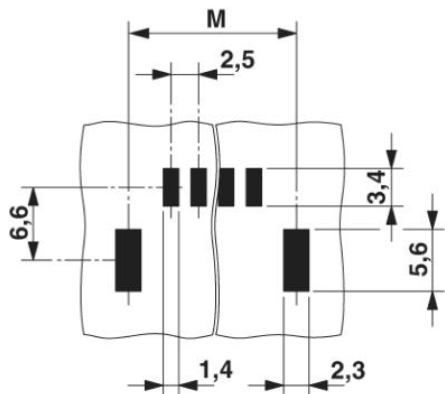
Accessories

Item	Designation	Description
1205202	SZS 0,4X2,0	Mikro-Schraubendreher, Schlitz, Größe: 0,4x2,0x60 mm, 2-Komponentengriff, mit Abrollschutz und drehbarer Kappe

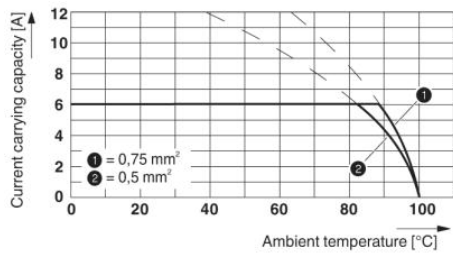
Diagrams/Drawings

Drilling plan/solder pad geometry

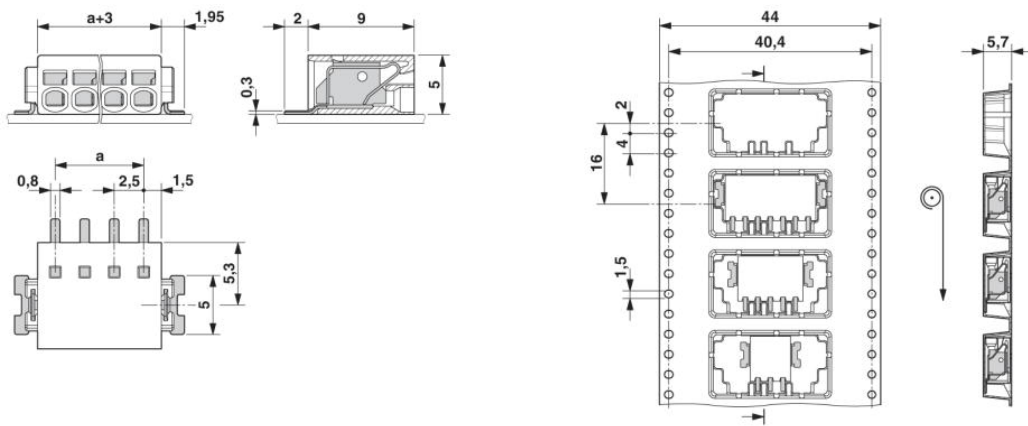
Dimension M: 15.2 mm



Diagram



Dimensioned drawing



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