PCB terminal block - PTSM 0,5/ 5-2,5-H THR R32 - 1770911

PCB terminal block, Nominal current: 6 A, Nom. voltage: 200 V, Pitch: 2.5 mm, Number of positions: 5, Connection method: Spring-cage conn., Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

Why buy this product

- Compact low-profile THR PCB terminal block with 2.5 mm pitch
- High current carrying capacity for high power transmission
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- Specifically designed for use in reflow/soldering processes
- Double solder pins for stable hold on the PCB
- Spring-cage connection with direct plug-in technology with a release mechanism

Key commercial data

Packing unit	0
Minimum order quantity	530
Catalog page	Page 51 (CC-2011)
GTIN	4 046356 459495
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	10 mm
Pitch	2.5 mm
Dimension a	10 mm
Number of positions	5
Pin dimensions	0,3 X 0,8 mm
Pin spacing	2.5 mm
Hole diameter	1.2 mm

Technical data

Range of articles	PTSM 0,5/..-H-THR

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Technical data

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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)	63 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	200 V
Connection in acc. with standard	EN-VDE
Nominal current IN	6 A
Nominal cross section	0.5 mm²
Maximum load current	6 A
Insulating material	LCP
Inflammability class according 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 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
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	20

Classifications

eclass

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002643

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Classifications

etim

ETIM 5.0	EC002643

unspsc

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

		B
mm²/AWG/kcmil	26-20	
Nominal current IN	6 A	
Nominal voltage UN	150 V	

cUL Recognized

		B
mm²/AWG/kcmil	26-20	
Nominal current IN	6 A	
Nominal voltage UN	150 V	

GOST

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Approvals

cULus Recognized

Accessories

Accessories

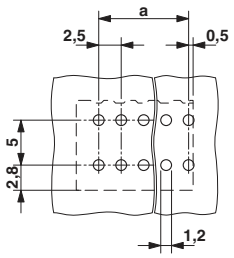
Tools

Screwdriver - SZS 0,4X2,0 - 1205202

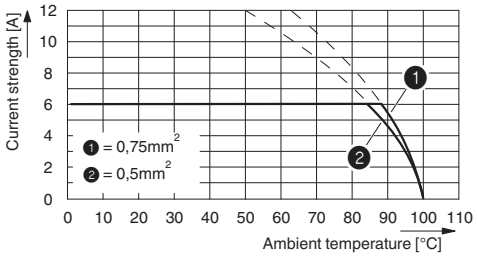
Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

Drawings

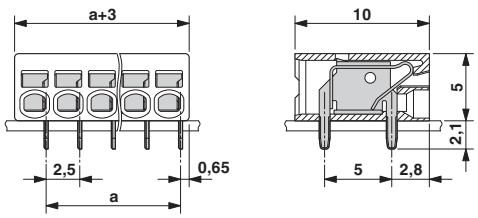
Drilling diagram



Diagram



Dimensioned drawing



Dimensioned drawing