

PCB terminal block - PTSM 0,5/ 2-2,5-H THR R24 - 1770885

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PCB terminal block, nominal current: 6 A, nom. voltage: 160 V, pitch: 2.5 mm, number of positions: 2, connection method: Push-in spring connection, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black

The figure shows the 3-pos. version

Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ High current carrying capacity of 6 A in very compact dimensions
- ✓ Designed for integration into the SMT soldering process



Key Commercial Data

Packing unit	530 pc
Minimum order quantity	530 pc
GTIN	 4 046356 459464
GTIN	4046356459464

Technical data

Dimensions

Length [l]	10 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Width [w]	5.5 mm
Height	5 mm
Height [h]	7.1 mm
Solder pin [P]	2.1 mm
Pin spacing	5 mm
Hole diameter	1.2 mm

General

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Technical data

General

Range of articles	PTSM 0,5/...-H-THR
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)	160 V
Rated voltage (II/2)	200 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
Flammability rating according to UL 94	V0
Stripping length	6 mm
Number of positions	2

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.34 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

Standards and Regulations

Connection in acc. with standard	EN-VDE
	UL
Flammability rating according to UL 94	V0

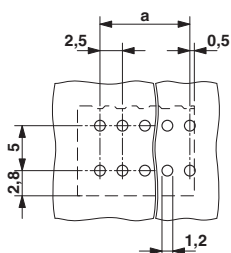
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

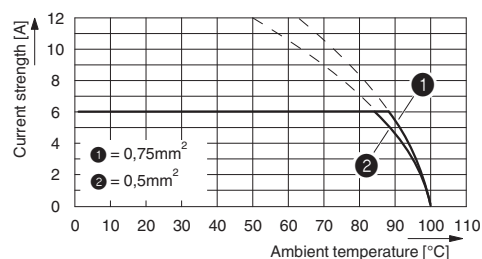
Drawings

PCB terminal block - PTSM 0,5/ 2-2,5-H THR R24 - 1770885

Drilling diagram

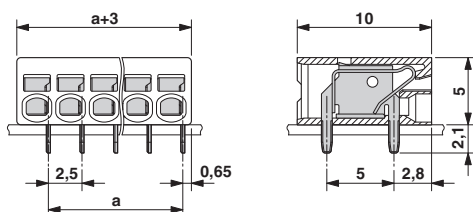


Diagram

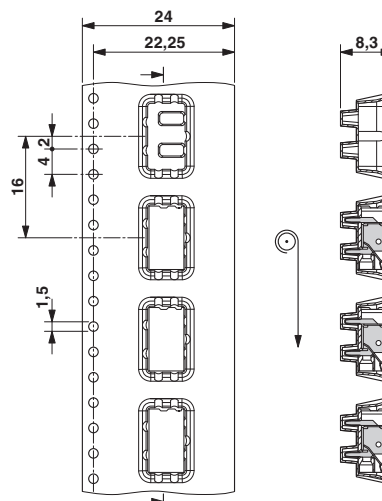


Type: PTSM 0,5/...-2,5-H- THR R...
 Tested in accordance with DIN EN 60512-5-2:2003-01
 Reduction factor = 1
 No. of positions: 5

Dimensional drawing



Dimensional drawing



Approvals

Approvals

Approvals

UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

Ex Approvals

Approval details

PCB terminal block - PTSM 0,5/ 2-2,5-H THR R24 - 1770885

Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E118976-20130619
		B
Nominal voltage UN		150 V
Nominal current IN		5 A
mm²/AWG/kcmil		26-18

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx 40048725
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EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20030527
		B
Nominal voltage UN		150 V
Nominal current IN		5 A
mm²/AWG/kcmil		26-20

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>