PCB terminal block - PTSA 0,5/ 2-2,5-F - 1989748

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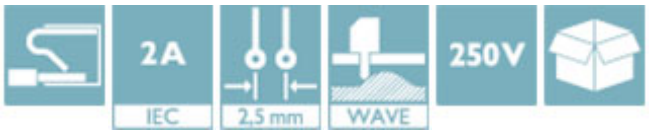
The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 2, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green, Soldering legs in front area, one-rowed

Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Angled connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	250 STK
GTIN	4 017918 973346

Technical data

Dimensions

Length	12 mm
Pitch	2.50 mm
Dimension a	2.5 mm
Width	6.5 mm
Constructional height	13.1 mm
Height	16.7 mm
Length of the solder pin	3.6 mm
Pin dimensions	0,4 x 0,75 mm
Pin spacing	2.5 mm
Hole diameter	1 mm

General

Range of articles	PTSA 0,5

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Technical data

General

Insulating material group	I
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)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	2 A
Nominal cross section	0.5 mm²
Maximum load current	2 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	9 mm
Number of positions	2

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	0.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	20

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

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Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	D
mm²/AWG/kcmil	26-20	26-20
Nominal current IN	2 A	2 A
Nominal voltage UN	150 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.5
Nominal current IN	2 A
Nominal voltage UN	130 V

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Approvals

cUL Recognized

	B	D
mm²/AWG/kcmil	26-20	26-20
Nominal current IN	2 A	2 A
Nominal voltage UN	150 V	300 V

CCA

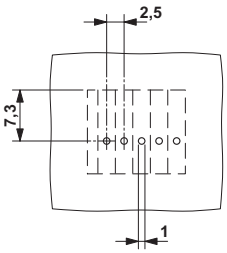
mm²/AWG/kcmil	0.5
Nominal current IN	2 A

EAC

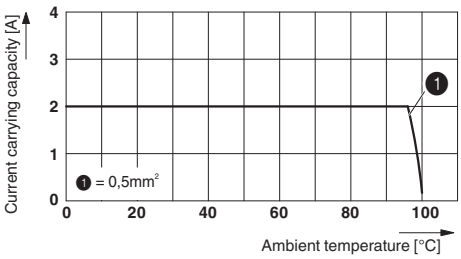
cULus Recognized

Drawings

Drilling diagram



Diagram



Derating diagram for 5 pins;reduction factor=1

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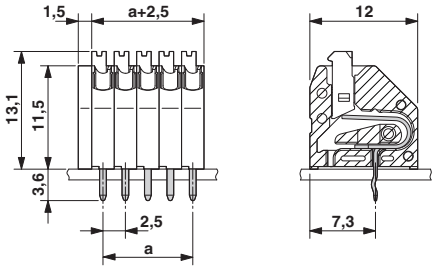
Dimensional drawing



The illustration shows the 5-pos. version

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