



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PCB terminal block - PTSA 0,5/12-2,5-F - 1989845

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PCB terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 12, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green, Soldering legs in front area, one-rowed

The figure shows a 10-position version of the product

Product Features

- ✓ Compact design with easy actuation and direct plug-in technology



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	4.67 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	12 mm
Pitch	2.50 mm
Dimension a	27.5 mm
Width	31.5 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

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Technical data

General

Range of articles	PTSA 0,5
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 mm ²
Maximum load current	2 A
Insulating material	PA
Solder pin surface	Sn
Stripping length	9 mm
Number of positions	12

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 AWG min.	24
Conductor cross section AWG max.	20

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

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

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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 I _N	2 A	2 A
Nominal voltage U _N	150 V	300 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.5
Nominal current I _N	2 A
Nominal voltage U _N	130 V

cUL Recognized 		
	B	D
mm²/AWG/kcmil	26-20	26-20
Nominal current I _N	2 A	2 A
Nominal voltage U _N	150 V	300 V

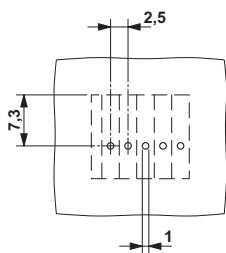
CCA	
mm²/AWG/kcmil	0.5
Nominal current I _N	2 A

EAC

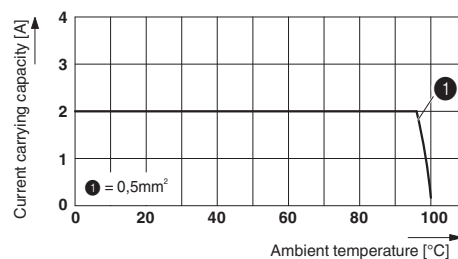
cULus Recognized 
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Drawings

Drilling diagram



Diagram

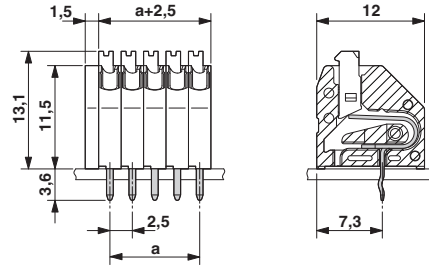


The illustration shows the 5-pos. version

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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