PCB terminal block - PTS 1,5/ 6-5,0-H - 1792902

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PCB terminal block, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 6, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green

Product Features

- Conductor cross section up to 2.5 mm²
- Compact design
- Conductor connection with direct plug-in technology
- Integrated release button
- Test connection

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
Weight per Piece (excluding packing)	5.0 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	10.5 mm
Pitch	5.00 mm
Dimension a	25 mm
Width	30 mm
Constructional height	13.6 mm
Height	16.1 mm
Length of the solder pin	2.5 mm
Pin dimensions	0,83 x 0,5 mm
Hole diameter	1.2 mm

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Technical data

General

Range of articles	PTS 1,5/..-H
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Nominal current I_N	12 A
Nominal cross section	1.5 mm²
Maximum load current	12 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	8 mm
Number of positions	6

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109

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Classifications

eCl@ss

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

ETIM

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 / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / CCA / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	D
mm²/AWG/kcmil	26-14	26-14
Nominal current IN	10 A	10 A

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Approvals

	B	D
Nominal voltage UN	300 V	300 V

cUL Recognized

	B	D
mm²/AWG/kcmil	26-14	26-14
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	16 A
Nominal voltage UN	250 V

CCA

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	16 A
Nominal voltage UN	250 V

IECEE CB Scheme

mm²/AWG/kcmil	0.2-2.5
Nominal current IN	16 A
Nominal voltage UN	250 V

EAC

cULus Recognized

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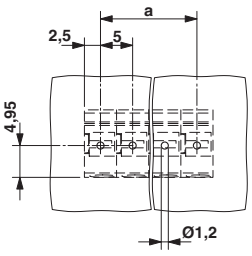
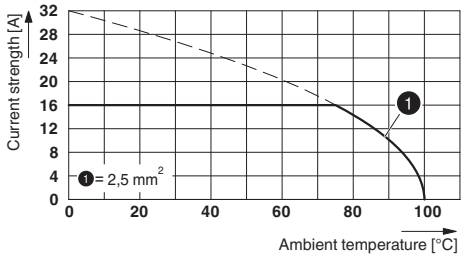
Drawings

Drilling diagram



Diagram



Dimensional drawing