Printed-circuit board connector - PT 2,5/12-PVH-5,0 - 1704262

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Plug component, Nominal current: 14 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

The figure shows a 10-position version of the product

Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	20.77 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	5 mm
Dimension a	55 mm

General

Range of articles	PT 2,5/..-PVH
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)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	13.5 A

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Technical data

General

Nominal cross section	2.5 mm²
Maximum load current	13.5 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3 / B3
Stripping length	8 mm
Number of positions	12
Screw thread	M3
Tightening torque, min	0.45 Nm
Tightening torque max	0.5 Nm

Connection data

Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

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Classifications

eCl@ss

eCl@ss 4.0	272607xx
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
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

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

Approvals

Approvals

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UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	D
mm²/AWG/kcmil	26-12	26-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

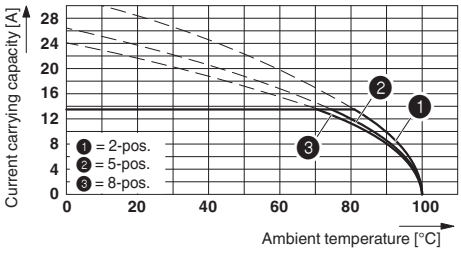
cUL Recognized

	B	D
mm²/AWG/kcmil	26-12	26-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

cULus Recognized

Drawings

Diagram



Derating diagram in connection with PST 1,3...-LH-5,0 pin strip; reduction factor=0.8; conductor cross section=4 mm²

Dimensioned drawing