

Printed-circuit board connector - PT 2,5/ 7-PVH-5,0 - 1704217

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PCB connector, nominal current: 14 A, rated voltage (III/2): 320 V, number of positions: 7, pitch: 5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin



The figure shows a 10-position version of the product



Key Commercial Data

Packing unit	100 STK
GTIN	 4 017918 994822
GTIN	4017918994822

Technical data

Dimensions

Length [l]	19.7 mm
Width [w]	35 mm
Height [h]	15 mm
Pitch	5 mm
Dimension a	30 mm

General

Range of articles	PT 2,5/..-PVH
Type of contact	Female connector
Number of positions	7
Connection method	Screw connection with wire protector
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

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Technical data

General

Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	13.5 A
Nominal cross section	2.5 mm ²
Maximum load current	13.5 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3 / B3
Stripping length	8 mm
Screw thread	M3
Tightening torque, min	0.45 Nm
Tightening torque max	0.5 Nm

Connection data

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

Standards and Regulations

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

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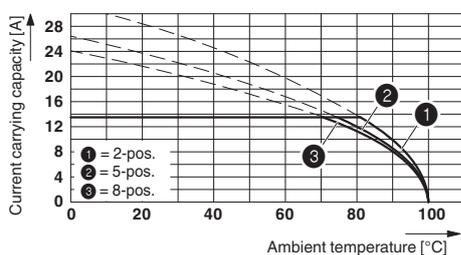
Technical data

Environmental Product Compliance

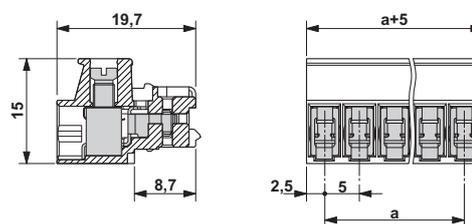
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Diagram



Dimensional drawing



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

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