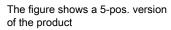


Printed-circuit board connector - PC 5/ 5-ST1-7,62 PA1,3-5BD:5-1 - 1784075

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PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 5, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Your advantages

- Well-known connection principle allows worldwide use
- ☑ Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- ☑ 600 V UL approval in the smallest of dimensions



Key Commercial Data

Packing unit	50 pc		
GTIN	4 046356 556668		
GTIN	4046356556668		

Technical data

Dimensions

Length [1]	35.25 mm
Width [w]	38.05 mm
Height [h]	19.7 mm
Pitch	7.62 mm
Dimension a	30.48 mm

General

Range of articles	PC 5/ST1
Number of positions	5



Printed-circuit board connector - PC 5/ 5-ST1-7,62 PA1,3-5BD:5-1 - 1784075

Technical data

General

Connection method	Screw connection with tension sleeve		
Rated surge voltage (III/3)	8 kV		
Rated surge voltage (III/2)	8 kV		
Rated surge voltage (II/2)	6 kV		
Rated voltage (III/3)	1000 V		
Rated voltage (III/2)	1000 V		
Rated voltage (II/2)	1000 V		
Nominal current I _N	41 A		
Nominal cross section	6 mm ²		
Internal cylindrical gage	A4		
Stripping length	10 mm		
Screw thread	M3		
Tightening torque, min	0.5 Nm		
Tightening torque max	0.8 Nm		
Note	Tightening torque $\leq 4~mm^2$ is 0.5 Nm to 0.6 Nm,> 4 mm^2 is 0.7 Nm to 0.8 Nm		

Connection data

Conductor cross section solid min.	0.2 mm ²		
Conductor cross section solid max.	10 mm ²		
Conductor cross section flexible min.	0.2 mm ²		
Conductor cross section flexible max.	6 mm ²		
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²		
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²		
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²		
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²		
Conductor cross section AWG min.	24		
Conductor cross section AWG max.	10		
2 conductors with same cross section, solid min.	0.2 mm ²		
2 conductors with same cross section, solid max.	2.5 mm ²		
2 conductors with same cross section, stranded min.	0.2 mm ²		
2 conductors with same cross section, stranded max.	4 mm ²		
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²		
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm²		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²		
Minimum AWG according to UL/CUL	24		



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Technical data

Connection data

Maximum AWG according to UL/CUL	8		
Standards and Regulations			
Connection in acc. with standard	CUL		
Environmental Product Compliance			
China RoHS	Environmentally Friendly Use Period = 50		
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"		

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

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Approval details

EAC	EAC			B.01742
cULus Recognized	c SU us http://	database.ul.com/cgi-bin/XYV/t	emplate/LISEXT/1FRAME/index.	htm E60425-19920722
	В		C	
Nominal voltage UN	600 V		600 V	
Nominal current IN	41 A		41 A	
mm²/AWG/kcmil	24-8		24-8	

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