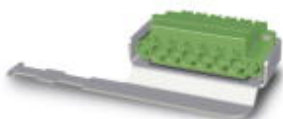


Printed-circuit board connector - SPC 5/ 6-STF-SHL-7,62BKBDW2,BR- - 1719765

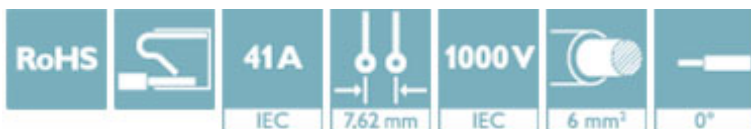
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PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 7.62 mm, connection method: Push-in spring connection, color: black, contact surface: Tin




Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- ✓ Optimized for tight installation situations: operation and conductor connection from one direction
- ✓ Shield for adherence to the EMC requirements and an optional strain relief
- ✓ Screwable flange for superior mechanical stability
- ✓ 600 V UL approval in the smallest of dimensions



Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 141048
GTIN	4046356141048

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	38.1 mm

General

Range of articles	SPC 5/...STF-SH
Number of positions	6
Connection method	Push-in spring connection
Insulating material group	I

Printed-circuit board connector - SPC 5/ 6-STF-SHL-7,62BKBDW2,BR- - 1719765

Technical data

General

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
Connection in acc. with standard	EN-VDE
Nominal current I_N	41 A
Nominal cross section	6 mm ²
Maximum load current	41 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	15 mm

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 mm ²
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.	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	8

Standards and Regulations

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

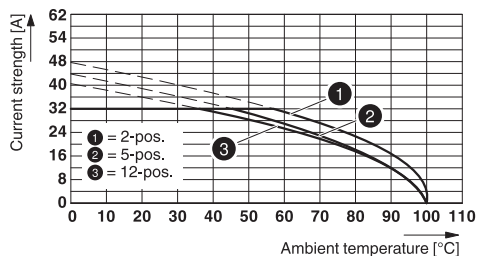
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

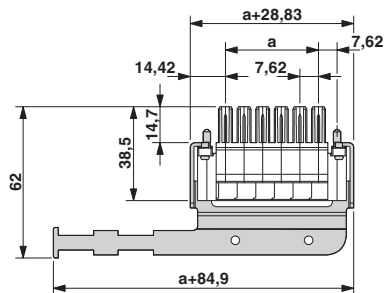
Printed-circuit board connector - SPC 5/ 6-STF-SHL-7,62BKBDW2,BR- - 1719765

Drawings

Diagram



Dimensional drawing



Derating curve for: SPC 5/...-ST-7,62 with PC 5/...-G-7,62

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920722
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	41 A	41 A	
mm ² /AWG/kcmil	24-8	24-8	

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