



#### General ordering data

Order No.	1930520000
Part designation	SV 7.62HP/05/90SF SW
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 5, 90°, Box
EAN	4032248580491
Qty.	50 pc(s).

#### System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	5
Solder pin length	3.5 mm
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	30.48 mm
L1 in inch	1.2 inch
Insulation resistance	1,000 MΩ

#### Material data

Insulating material	PA GF
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	I
Flammability class UL 94	V-0
CTI	$\geq 500$
Contact base material	Copper alloy
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	125 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C

## Material data

### DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	41 A
Rated current, max. No. pins (Tu=20°C)	41 A
Rated current, min. No. pins (Tu=40°C)	41 A
Rated current, max. No. pins (Tu=40°C)	38 A
Rated voltage for overvoltage class/pollution severity III/3	630 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	6 kV
Rated voltage for overvoltage class/pollution severity III/2	630 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	6 kV
Rated voltage for overvoltage class/pollution severity II/2	1,000 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	6 kV

### CSA rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	35 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

### UL 1059 rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	35 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

### Downloads

CAD Library (P-CAD Format - Standard)	SV.LIB
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### Classifications

eClass 5.1	27-26-07-04
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### Similar products

Order No.	Part designation	Version
1930490000	SV 7.62HP/02/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 2, 90°, Box
1930500000	SV 7.62HP/03/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 3, 90°, Box
1930510000	SV 7.62HP/04/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 4, 90°, Box
1930530000	SV 7.62HP/06/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 6, 90°, Box

1930540000	SV 7.62HP/07/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 7, 90°, Box
1930550000	SV 7.62HP/08/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 8, 90°, Box
1930560000	SV 7.62HP/09/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 9, 90°, Box
1930570000	SV 7.62HP/10/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 10, 90°, Box
1930580000	SV 7.62HP/11/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 11, 90°, Box
1930590000	SV 7.62HP/12/90SF SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 12, 90°, Box