



Order No.	1930750000
Part designation	SV 7.62HP/06/180F SW
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 6, 180°, Box
EAN	4032248580729
Qty.	50 pc(s).

Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	6
Solder pin length	3.5 mm
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	38.1 mm
L1 in inch	1.5 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	>= 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
---------------------------------------	--------

## Classifications

eClass 5.1	27-26-07-04
------------	-------------

## Similar products

Order No.	Part designation	Version
1930710000	SV 7.62HP/02/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 2, 180°, Box
1930720000	SV 7.62HP/03/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 3, 180°, Box
1930730000	SV 7.62HP/04/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 4, 180°, Box
1930740000	SV 7.62HP/05/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 5, 180°, Box

1930760000	SV 7.62HP/07/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 7, 180°, Box
1930770000	SV 7.62HP/08/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 8, 180°, Box
1930780000	SV 7.62HP/09/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 9, 180°, Box
1930790000	SV 7.62HP/10/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 10, 180°, Box
1930800000	SV 7.62HP/11/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 11, 180°, Box
1930810000	SV 7.62HP/12/180F SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 12, 180°, Box