



#### General ordering data

Order No.	1822930000
Part designation	SV 7.62/09/270F 3.5 SW
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 9, 270°, Box
EAN	4032248324293
Qty.	50 pc(s).

#### System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	270°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	9
Solder pin length	3.5 mm
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	60.96 mm
L1 in inch	2.4 inch
Insulation resistance	1 MΩ

#### Material data

Insulating material	PBT GF
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	≥ 200
Contact base material	Copper alloy
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100
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)	38 A
Rated current, min. No. pins (Tu=40°C)	38 A
Rated current, max. No. pins (Tu=40°C)	31 A
Rated voltage for overvoltage class/pollution severity III/3	500 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	800 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)	31 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)	31 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

### Approvals

Approvals institutes



### Downloads

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

ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01
eClass 5.1	27-26-07-04

#### Similar products

Order No.	Part designation	Version
1822860000	SV 7.62/02/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 2, 270°, Box
1822870000	SV 7.62/03/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 3, 270°, Box
1822880000	SV 7.62/04/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 4, 270°, Box
1822890000	SV 7.62/05/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 5, 270°, Box
1822900000	SV 7.62/06/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 6, 270°, Box
1822910000	SV 7.62/07/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 7, 270°, Box
1822920000	SV 7.62/08/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 8, 270°, Box
1822940000	SV 7.62/10/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 10, 270°, Box
1822950000	SV 7.62/11/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 11, 270°, Box
1822960000	SV 7.62/12/270F 3.5 SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 12, 270°, Box