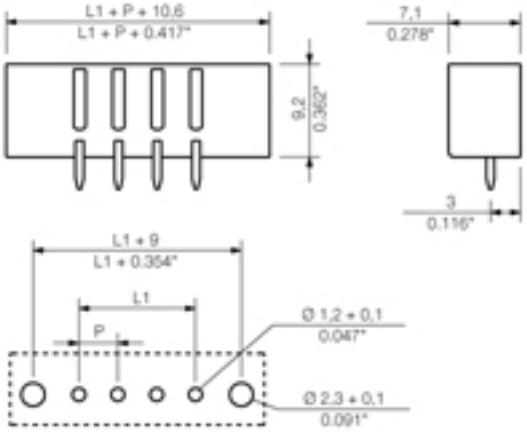




General ordering data	
Order No.	1793700000
Part designation	SC 3.81/2/180F3.2SN SW
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 180°, Box
EAN	4032248230822
Qty.	50 pc(s).

System parameters	
Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	3.81 mm
Pitch in inch	0.15 inch
No. of poles	2
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	1
No. of solder pins per pole	1
Dia. of fitting hole	1.2 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	3.81 mm
L1 in inch	0.15 inch
Insulation resistance	1,000 MΩ
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data	
Insulating material	PA GF
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	II
Flammability class UL 94	V-0
CTI	>= 475
Contact base material	Copper alloy

Material data	
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	120 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	93 %

DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	17.5 A
Rated current, min. No. pins(Tu=40°C)	17.5 A
Rated voltage for overvoltage class/pollution severity III/3	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated voltage for overvoltage class/pollution severity II/2	320 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 76 A

CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A

UL 1059 rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A

Approvals

Approvals institutes

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

1943180000	SC 3.81/2/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 180°, Box
1793790000	SC 3.81/2/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 180°, Box
1943190000	SC 3.81/3/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 180°, Box
1793710000	SC 3.81/3/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 180°, Box
1793800000	SC 3.81/3/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 180°, Box
1943200000	SC 3.81/4/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 180°, Box
1793720000	SC 3.81/4/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 180°, Box
1793810000	SC 3.81/4/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 180°, Box
1943210000	SC 3.81/5/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 180°, Box
1793730000	SC 3.81/5/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 180°, Box
1793820000	SC 3.81/5/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 180°, Box
1943220000	SC 3.81/6/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 180°, Box
1793740000	SC 3.81/6/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 180°, Box
1793830000	SC 3.81/6/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 180°, Box
1943230000	SC 3.81/7/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 180°, Box
1837010000	SC 3.81/7/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 180°, Box
1943370000	SC 3.81/7/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 180°, Box
1943240000	SC 3.81/8/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 180°, Box
1793750000	SC 3.81/8/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 180°, Box
1793840000	SC 3.81/8/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 180°, Box
1943250000	SC 3.81/9/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 180°, Box
1943470000	SC 3.81/9/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 180°, Box
1943380000	SC 3.81/9/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 180°, Box
1943260000	SC 3.81/10/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 180°, Box
1793760000	SC 3.81/10/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 180°, Box
1793850000	SC 3.81/10/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 180°, Box

1943270000	SC 3.81/11/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 180°, Box
1943480000	SC 3.81/11/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 180°, Box
1943390000	SC 3.81/11/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 180°, Box
1943280000	SC 3.81/12/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 180°, Box
1793770000	SC 3.81/12/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 180°, Box
1793860000	SC 3.81/12/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 180°, Box
1943290000	SC 3.81/13/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 180°, Box
1943490000	SC 3.81/13/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 180°, Box
1943400000	SC 3.81/13/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 180°, Box
1943300000	SC 3.81/14/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 180°, Box
1943500000	SC 3.81/14/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 180°, Box
1943410000	SC 3.81/14/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 180°, Box
1943310000	SC 3.81/15/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 15, 180°, Box
1943510000	SC 3.81/15/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 15, 180°, Box
1943420000	SC 3.81/15/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 15, 180°, Box
1943320000	SC 3.81/16/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 180°, Box
1793780000	SC 3.81/16/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 180°, Box
1793870000	SC 3.81/16/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 180°, Box
1943330000	SC 3.81/17/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 180°, Box
1943520000	SC 3.81/17/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 180°, Box
1943430000	SC 3.81/17/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 180°, Box
1943340000	SC 3.81/18/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 180°, Box
1943530000	SC 3.81/18/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 180°, Box
1943440000	SC 3.81/18/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 180°, Box
1943350000	SC 3.81/19/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 180°, Box
1943540000	SC 3.81/19/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 180°, Box

1943450000	SC 3.81/19/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 180°, Box
1943360000	SC 3.81/20/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 180°, Box
1943550000	SC 3.81/20/180F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 180°, Box
1943460000	SC 3.81/20/180F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 180°, Box