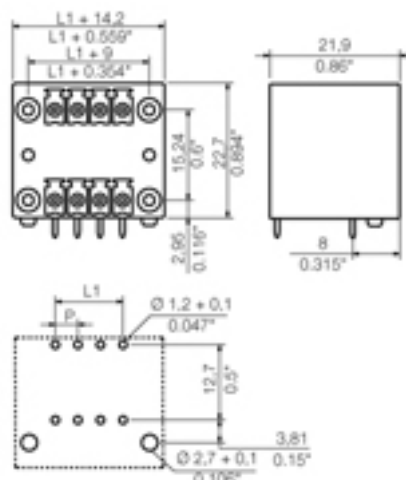




General ordering data

Order No.	1973430000
Part designation	SCD 3.81/08/90F 3.2 SN GN
Version	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box
EAN	4032248682980
Qty.	50 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	3.81 mm
Pitch in inch	0.15 inch
No. of poles	8
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	2
No. of solder pins per pole	1
Dia. of fitting hole	1.2 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	11.43 mm
L1 in inch	0.45 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	Pale green
colour chart	Similar to RAL 6021
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 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

Classifications

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

Similar products

Order No.	Part designation	Version
1973260000	SCD 3.81/04/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box
1973580000	SCD 3.81/04/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box
1973410000	SCD 3.81/04/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box
1973270000	SCD 3.81/06/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box
1973590000	SCD 3.81/06/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box

1973420000	SCD 3.81/06/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box
1973280000	SCD 3.81/08/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box
1973600000	SCD 3.81/08/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box
1973290000	SCD 3.81/10/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box
1973610000	SCD 3.81/10/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box
1973460000	SCD 3.81/10/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box
1973300000	SCD 3.81/12/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box
1973620000	SCD 3.81/12/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box
1973470000	SCD 3.81/12/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box
1973310000	SCD 3.81/14/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box
1973630000	SCD 3.81/14/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box
1973480000	SCD 3.81/14/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box
1973320000	SCD 3.81/16/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 90°, Box
1973640000	SCD 3.81/16/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 90°, Box
1973490000	SCD 3.81/16/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 90°, Box
1973330000	SCD 3.81/18/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box
1973650000	SCD 3.81/18/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box
1973500000	SCD 3.81/18/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box
1973340000	SCD 3.81/20/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box
1973660000	SCD 3.81/20/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box
1973510000	SCD 3.81/20/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box
1973350000	SCD 3.81/22/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 22, 90°, Box
1973670000	SCD 3.81/22/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 22, 90°, Box
1973520000	SCD 3.81/22/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 22, 90°, Box
1973360000	SCD 3.81/24/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 24, 90°, Box
1973680000	SCD 3.81/24/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 24, 90°, Box

1973530000	SCD 3.81/24/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 24, 90°, Box
1973370000	SCD 3.81/26/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 26, 90°, Box
1973690000	SCD 3.81/26/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 26, 90°, Box
1973540000	SCD 3.81/26/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 26, 90°, Box
1973380000	SCD 3.81/28/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 28, 90°, Box
1973700000	SCD 3.81/28/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 28, 90°, Box
1973550000	SCD 3.81/28/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 28, 90°, Box
1973390000	SCD 3.81/30/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 30, 90°, Box
1973710000	SCD 3.81/30/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 30, 90°, Box
1973560000	SCD 3.81/30/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 30, 90°, Box
1973400000	SCD 3.81/32/90F 3.2 SN OR	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 32, 90°, Box
1973720000	SCD 3.81/32/90F 3.2 SN SW	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 32, 90°, Box
1973570000	SCD 3.81/32/90F 3.2 SN GN	Leiterplattensteckverbinder, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 32, 90°, Box