	$ \begin{array}{c} L1 + P + 10.6 \\ L1 + P + 0.417' \\ \hline \hline $
General ordering data	
Order No.	1793460000
Part designation	SC 3.81/6/90F3.2SN GN
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box
EAN	4032248228737
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	6
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	19.05 mm
L1 in inch	0.75 inch
Insulation resistance	1,000 MΩ IP 20
Electric shock protection to DIN VDE 0470 Electric shock protection to DIN VDE 0470	IP 20 Safe from finger touch
	Sale from linger touch
Material data	
Insulating material	PA GF
Colour	Pale green
colour chart	Similar to RAL 6021
Insulating material group	
Flammability class UL 94	V-0
CTI Contact have metarial	>= 475
Contact base material	Copper alloy



Contact surface tinned Constant operating temp., min. -25 °C Storage temperature, max. 120 °C Storage temperature, max. 55 °C Max. relative humidity during storage 93 % DINECrating data		
Constant operating temp., min25 °CConstant operating temp., max.120 °CStorage temperature, min25 °CStorage temperature, max.55 °CMax. relative humidity during storage93 %DINIEC rating dataRated current, min. No. pins (Tu=20°C)17.5 ARated current, min. No. pins (Tu=40°C)17.5 ARated current, min. No. pins (Tu=40°C)17.5 ARated outlage for overvoltage class/pollution160 Vseverity III/3160 VRated voltage for overvoltage class/pollution160 Vseverity III/22.5 kVRated voltage for overvoltage class/pollution160 Vseverity III/22.5 kVRated voltage for overvoltage class/pollution160 Vseverity III/2320 VRated voltage for overvoltage for overvoltage2.5 kVclass/pollution severity III/2320 VShort-time withstand voltage for overvoltage3.5 kVclass/pollution severity II/2300 VShort-time withstand voltage for overvoltage3.00 VRated voltage (Use group D)10 AUt 1059 rating dataUt 1059 rating dataRated voltage (Use group D)300 VRated voltage (Use group D)10 AUt 1059 rating dataUt 1059 rating dataRated voltage (Use group D)10 AApprovals10 A	Material data	
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class/pollution severity II/2 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 voltage (Use group D) 10 A UL 1059 rating data 300 V Rated voltage (Use group D) 300 V Rated current (Use group D) 10 A Approvals 40 A	Rated voltage for overvoltage class/pollution severity II/2	320 V
CSA rating data 300 V Rated voltage (Use group D) 10 A UL 1059 rating data 300 V Rated voltage (Use group D) 10 A WL 1059 rating data 300 V Rated voltage (Use group D) 300 V Rated current (Use group D) 10 A Approvals 10 A	Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
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UL 1059 rating data Rated voltage (Use group D) 300 V Rated current (Use group D) 10 A Approvals	Rated voltage (Use group D)	300 V
Rated voltage (Use group D) 300 V Rated current (Use group D) 10 A Approvals 10 A	Rated current (Use group D)	10 A
Rated current (Use group D) 10 A Approvals	UL 1059 rating data	
Approvals	Rated voltage (Use group D)	300 V
	Rated current (Use group D)	10 A
Approvals institutes		
	Approvals institutes	



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			



Classifier

1942450000	SC 3.81/2/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 90°, Box
1793330000	SC 3.81/2/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 90°, Box
1793420000	SC 3.81/2/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 2, 90°, Box
1942460000	SC 3.81/3/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 90°, Box
1793340000	SC 3.81/3/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 90°, Box
1793430000	SC 3.81/3/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 3, 90°, Box
1942470000	SC 3.81/4/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box
1793350000	SC 3.81/4/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box
1793440000	SC 3.81/4/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Box
1942480000	SC 3.81/5/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 90°, Box
1793360000	SC 3.81/5/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 90°, Box
1793450000	SC 3.81/5/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 5, 90°, Box
1942490000	SC 3.81/6/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box
1793370000	SC 3.81/6/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Box
1942500000	SC 3.81/7/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 90°, Box
1942740000	SC 3.81/7/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 90°, Box
1942640000	SC 3.81/7/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 7, 90°, Box
1942510000	SC 3.81/8/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box
1793380000	SC 3.81/8/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box
1793470000	SC 3.81/8/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Box
1942520000	SC 3.81/9/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 90°, Box
1942750000	SC 3.81/9/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 90°, Box
1942650000	SC 3.81/9/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 9, 90°, Box
1942530000	SC 3.81/10/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box
1793390000	SC 3.81/10/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box
1793480000	SC 3.81/10/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Box



1942540000	SC 3.81/11/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 90°, Box
1942760000	SC 3.81/11/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 90°, Box
1942660000	SC 3.81/11/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 11, 90°, Box
1942550000	SC 3.81/12/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box
1793400000	SC 3.81/12/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box
1793490000	SC 3.81/12/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 12, 90°, Box
1942560000	SC 3.81/13/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 90°, Box
1942770000	SC 3.81/13/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 90°, Box
1942670000	SC 3.81/13/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 13, 90°, Box
1942570000 1942780000	SC 3.81/14/90F3.2SN OR SC 3.81/14/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box
1942780000	SC 3.81/14/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1942580000	SC 3.81/15/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 14, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1942380000	SC 3.81/15/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 15, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1942690000	SC 3.81/15/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 15, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1942590000	SC 3.81/16/90F3.2SN OR	Pitch: 3.81 mm, No. of poles: 15, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1793410000	SC 3.81/16/90F3.2SN SW	Pitch: 3.81 mm, No. of poles: 16, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1793500000		PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 16, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
	SC 3.81/16/90F3.2SN GN	Pitch: 3.81 mm, No. of poles: 16, 90°, Box
1942600000	SC 3.81/17/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 90°, Box
1942800000	SC 3.81/17/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 90°, Box
1942700000	SC 3.81/17/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 17, 90°, Box
1942610000	SC 3.81/18/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box
1942810000	SC 3.81/18/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box
1942710000	SC 3.81/18/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 18, 90°, Box
1942620000	SC 3.81/19/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 90°, Box
1942820000	SC 3.81/19/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 90°, Box



1942720000	SC 3.81/19/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 19, 90°, Box
1942630000	SC 3.81/20/90F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box
1942830000	SC 3.81/20/90F3.2SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box
1942730000	SC 3.81/20/90F3.2SN GN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.81 mm, No. of poles: 20, 90°, Box



