







General ordering data	
Order No.	1614850000
Part designation	SLD 5.00R20/12/3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
EAN	4008190039257
Qty.	50 pc(s).

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System parameters	
Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	12
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	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	25 mm
L1 in inch	0.984 inch
Insulation resistance	1 ΜΩ

Electric shock protection to DIN VDE 0470  Safe from back-of-hand touch    Material data   PBT	System parameters	
Insulating material PBT Colour orange colour chart Similar to RAL 2000 Insulating material group I Flammability class UL 94 CTI >= 600 Contact base material CuSn Contact surface tinned Constant operating temp., min25 °C Constant operating temp., max. 100 °C Storage temperature, min25 °C Storage temperature, max. 55 °C Max. relative humidity during storage 80 %  DIN IEC rating data Rated current, min. No. pins (Tu=20°C) 11 A Rated current, min. No. pins (Tu=40°C) 9.5 A Rated current, max. No. pins (Tu=40°C) 7.A Rated current, max. No. pins (Tu=40°C) 7.A Rated current, max. No. pins (Tu=40°C) 7.A Rated voltage for overvoltage class/pollution severity III/3 Rated voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated woltage for overvoltage class/pollution severity III/2 Rated voltage for overvoltage class/pollution severity III/2 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		Safe from back-of-hand touch
Insulating material PBT Colour orange colour chart Similar to RAL 2000 Insulating material group I Flammability class UL 94 CTI >= 600 Contact base material CuSn Contact surface tinned Constant operating temp., min25 °C Constant operating temp., max. 100 °C Storage temperature, min25 °C Storage temperature, max. 55 °C Max. relative humidity during storage 80 %  DIN IEC rating data Rated current, min. No. pins (Tu=20 °C) 11 A Rated current, min. No. pins (Tu=40 °C) 9.5 A Rated current, min. No. pins (Tu=40 °C) 7.A Rated voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated impulse withstand voltage for overvoltage class/pollution severity III/2 Rated voltage for overvoltage class/pollution severity III/2 Short-time withstand current resistance  1 x 1s with 120 A  UL 1059 rating data Rated voltage (Use group D) 300 V	·	
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Approvals

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

1614810000	SLD 5.00R20/4/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1614820000	SLD 5.00R20/6/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1614830000	SLD 5.00R20/8/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1614840000	SLD 5.00R20/10/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1614860000	SLD 5.00R20/14/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1614870000	SLD 5.00R20/16/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1614880000	SLD 5.00R20/18/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1614890000	SLD 5.00R20/20/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1614900000	SLD 5.00R20/22/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1614910000	SLD 5.00R20/24/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1614920000	SLD 5.00R20/26/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1614930000	SLD 5.00R20/28/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1614940000	SLD 5.00R20/30/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1614950000	SLD 5.00R20/32/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1614960000	SLD 5.00R20/34/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1614970000	SLD 5.00R20/36/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1614980000	SLD 5.00R20/38/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1614990000	SLD 5.00R20/40/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1615000000	SLD 5.00R20/42/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1615010000	SLD 5.00R20/44/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box



1615020000	SLD 5.00R20/46/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1615030000	SLD 5.00R20/48/3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box

