







General ordering data	
Order No.	1633390000
Part designation	SLD 3.5/12/90 3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 90°, Box
EAN	4008190257842
Qty.	50 pc(s).

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System parameters	
Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	3.5 mm
Pitch in inch	0.138 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	17.5 mm
L1 in inch	0.689 inch
Insulation resistance	1 ΜΩ



System parameters	
Electric shock protection to DIN VDE 0470	IP 10
Electric shock protection to DIN VDE 0470	Safe from back-of-hand touch
Electric Shock protection to Birt VBE 0470	Care from back of fiand toden
Material data	
Insulating material	PBT
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	Illa
Flammability class UL 94	V-0
CTI	>= 200
Contact base material	CuSn
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %
DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	10.5 A
Rated current, max. No. pins (Tu=20°C)	8 A
Rated current, min. No. pins(Tu=40°C)	9 A
Rated current, max. No. pins (Tu=40°C)	7 A
Rated voltage for overvoltage class/pollution severity III/3	125 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	200 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 80 A
CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	8 A
UL 1059 rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	8 A



Approvals

Approvals institutes





Downloads	
CAD Library (P-CAD Format - Standard)	SLD.LIB
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Olosaifiastiana	
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

1633350000	SLD 3.5/4/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 4, 90°, Box
1633360000	SLD 3.5/6/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1633370000	SLD 3.5/8/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box
1633380000	SLD 3.5/10/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 90°, Box
1633400000	SLD 3.5/14/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 90°, Box
1633410000	SLD 3.5/16/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box
1633420000	SLD 3.5/18/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box
1633430000	SLD 3.5/20/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box
1633450000	SLD 3.5/24/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1633490000	SLD 3.5/32/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box



1633510000	SLD 3.5/36/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box
1633540000	SLD 3.5/42/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 42, 90°, Box
1633550000	SLD 3.5/44/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 44, 90°, Box
1633570000	SLD 3.5/48/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 48, 90°, Box

