



Order No.	1628470000
Part designation	SL 7.50/2/90B3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 2, 90°, Box
EAN	4008190201272
Qty.	100 pc(s).
System parameters	
Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	7.5 mm
Pitch in inch	0.295 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	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	7.5 mm
L1 in inch	0.295 inch
Insulation resistance	1 ΜΩ

System parameters	
Electric shock protection to DIN VDE 0470	Safe from finger touch, plugged
•	.,
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 °C
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)	18.5 A
Rated current, max. No. pins (Tu=20°C)	17 A
Rated current, min. No. pins(Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	14.5 A
Rated voltage for overvoltage class/pollution	500 V
severity III/3	
Rated impulse withstand voltage for overvoltage	6 kV
class/pollution severity III/3	
Rated voltage for overvoltage class/pollution	630 V
severity III/2	
Rated impulse withstand voltage for overvoltage	6 kV
class/pollution severity III/2	
Rated voltage for overvoltage class/pollution	800 V
severity II/2	
Rated impulse withstand voltage for overvoltage	6 kV
class/pollution severity II/2	
Short-time withstand current resistance	3 x 1s with 120 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





Downloads	
CAD Library (P-CAD Format - Standard)	SL.LIB
•	
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

1628480000	SL 7.50/3/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 3, 90°, Box
1628490000	SL 7.50/4/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 4, 90°, Box
1628500000	SL 7.50/5/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 5, 90°, Box
1628510000	SL 7.50/6/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 6, 90°, Box
1628520000	SL 7.50/7/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 7, 90°, Box
1628530000	SL 7.50/8/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 8, 90°, Box
1628540000	SL 7.50/9/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 9, 90°, Box
1628550000	SL 7.50/10/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 10, 90°, Box
1628560000	SL 7.50/11/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 11, 90°, Box
1628570000	SL 7.50/12/90B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 12, 90°, Box

