







Order No.	1628420000
Part designation	SL 7.50/8/90 3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 8, 90°, Box
EAN	4008190201227
Qty.	50 pc(s).
System parameters	
Eittad to DCB	Soldered connection

Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	7.5 mm
Pitch in inch	0.295 inch
No. of poles	8
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	52.5 mm
L1 in inch	2.067 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
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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

1628360000	SL 7.50/2/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 2, 90°, Box
1628370000	SL 7.50/3/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 3, 90°, Box
1628380000	SL 7.50/4/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 4, 90°, Box
1628390000	SL 7.50/5/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 5, 90°, Box
1628400000	SL 7.50/6/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 6, 90°, Box
1628410000	SL 7.50/7/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 7, 90°, Box
1628430000	SL 7.50/9/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 9, 90°, Box
1628440000	SL 7.50/10/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 10, 90°, Box
1628450000	SL 7.50/11/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 11, 90°, Box
1628460000	SL 7.50/12/90 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 12, 90°, Box

