



General ordering data

Order No.	1519360000
Part designation	SL 5.08/23/180 3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 23, 180°, Box
EAN	4008190124090
Qty.	20 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	23
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	111.76 mm
L1 in inch	4.4 inch
Insulation resistance	1 MΩ

System parameters

Electric shock protection to DIN VDE 0470	IP20 plugged
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	IIIa
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 A
Rated current, max. No. pins (Tu=20°C)	14.5 A
Rated current, min. No. pins (Tu=40°C)	15 A
Rated current, max. No. pins (Tu=40°C)	12 A
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated voltage for overvoltage class/pollution severity II/2	400 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
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



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

Order No.	Part designation	Version
1518060000	SL 5.08/10/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1518160000	SL 5.08/11/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1518260000	SL 5.08/12/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1518360000	SL 5.08/13/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1518460000	SL 5.08/14/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1518560000	SL 5.08/15/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1518660000	SL 5.08/16/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1518760000	SL 5.08/17/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1518860000	SL 5.08/18/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1518960000	SL 5.08/19/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1517260000	SL 5.08/2/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1519060000	SL 5.08/20/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 20, 180°, Box

1519160000	SL 5.08/21/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1519260000	SL 5.08/22/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1519460000	SL 5.08/24/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1517360000	SL 5.08/3/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1517460000	SL 5.08/4/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1517560000	SL 5.08/5/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1517660000	SL 5.08/6/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1517760000	SL 5.08/7/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1517860000	SL 5.08/8/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1517960000	SL 5.08/9/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 9, 180°, Box