



General ordering data

Order No.	1241060000
Part designation	SLA 2/90B 3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 2, 90°, Box
EAN	4008190078843
Qty.	100 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	5.08 mm
Pitch in inch	0.2 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	5.08 mm
L1 in inch	0.2 inch
Insulation resistance	1 MΩ

System parameters

Electric shock protection to DIN VDE 0470 Safe from back-of-hand touch

Material data

Insulating material	PBT GF
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.	120 °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)	17.5 A
Rated current, max. No. pins (Tu=20°C)	12.5 A
Rated current, min. No. pins (Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	11 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 100 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) SLA.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

Order No.	Part designation	Version
1241160000	SLA 3/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 3, 90°, Box
1241260000	SLA 4/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Box
1241360000	SLA 5/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 5, 90°, Box
1241460000	SLA 6/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Box
1241560000	SLA 7/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 7, 90°, Box
1241660000	SLA 8/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 8, 90°, Box
1241760000	SLA 9/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 9, 90°, Box
1241860000	SLA 10/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 10, 90°, Box
1241960000	SLA 11/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 11, 90°, Box
1242060000	SLA 12/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 12, 90°, Box

1242160000	SLA 13/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 13, 90°, Box
1242260000	SLA 14/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 14, 90°, Box
1242360000	SLA 15/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 15, 90°, Box
1242460000	SLA 16/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 16, 90°, Box
1270260000	SLA 17/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 17, 90°, Box
1270360000	SLA 18/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 18, 90°, Box
1270460000	SLA 19/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 19, 90°, Box
1270560000	SLA 20/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 20, 90°, Box
1270660000	SLA 21/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 21, 90°, Box
1315660000	SLA 22/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 22, 90°, Box
1315760000	SLA 23/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 23, 90°, Box
1315860000	SLA 24/90B 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 24, 90°, Box

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