



#### General ordering data

Order No.	1065320000
Part designation	S2LD-THR 3.5/16/90G
Version	PCB plug-in connector, Male connectors, Pitch: 3.50 mm, No. of poles: 16, Box
EAN	4032248818532
Qty.	20 pc(s).

#### System parameters

Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	16
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	2
L1 in mm	10.5 mm
L1 in inch	0.413 inch
Insulation resistance	1 MΩ
Electric shock protection to DIN VDE 0470	IP20 plugged/ IP10 unplugged
Electric shock protection to DIN VDE 0470	Safe from finger touch, plugged

#### Material data

Insulating material	LCP GF
Colour	black
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	≥ 175
Contact base material	Copper alloy
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)	8 A
Rated current, max. No. pins (Tu=20°C)	5 A
Rated current, min. No. pins (Tu=40°C)	6 A
Rated current, max. No. pins (Tu=40°C)	5 A
Rated voltage for overvoltage class/pollution severity III/3	100 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	1.5 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

#### Similar products

Order No.	Part designation	Version
1065290000	S2LD-THR 3.5/08/90G	PCB plug-in connector, Male connectors, Pitch: 3.50 mm, No. of poles: 8, Box
1065310000	S2LD-THR 3.5/12/90G	PCB plug-in connector, Male connectors, Pitch: 3.50 mm, No. of poles: 12, Box
1065330000	S2LD-THR 3.5/20/90G	PCB plug-in connector, Male connectors, Pitch: 3.50 mm, No. of poles: 20, Box
1065340000	S2LD-THR 3.5/24/90G	PCB plug-in connector, Male connectors, Pitch: 3.50 mm, No. of poles: 24, Box
1065350000	S2LD-THR 3.5/28/90G	PCB plug-in connector, Male connectors, Pitch: 3.50 mm, No. of poles: 28, Box
1065360000	S2LD-THR 3.5/32/90G	PCB plug-in connector, Male connectors, Pitch: 3.50 mm, No. of poles: 32, Box
1065370000	S2LD-THR 3.5/36/90G	PCB plug-in connector, Male connectors, Pitch: 3.50 mm, No. of poles: 36, Box