



General ordering data

Order No.	1895020000
Part designation	SLDV-THR 5.00/12G 1.5 SN SW
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
EAN	4032248509737
Qty.	50 pc(s).

System parameters

Fitted to PCB	Reflow solder connection
Outgoing elbow	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	12
Solder pin length	1.5 mm
Can be coded	Yes
No. of rows	2
No. of solder pins per pole	1
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	25 mm
L1 in inch	0.984 inch
Insulation resistance	1 MΩ
Electric shock protection to DIN VDE 0470	IP20 plugged/ IP10 unplugged
Electric shock protection to DIN VDE 0470	Finger-safe plugged/ back-of-hand-safe unplugged

Material data

Insulating material	LCP GF
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 175

Material data

Contact base material	CuSn
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)	15 A
Rated current, max. No. pins (Tu=20°C)	10.5 A
Rated current, min. No. pins (Tu=40°C)	13 A
Rated current, max. No. pins (Tu=40°C)	9 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	1 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 3.0	EC001284
eClass 5.1	27-26-07-04

Similar products

Order No.	Part designation	Version
1894980000	SLDV-THR 5.00/04G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1882690000	SLDV-THR 5.00/04G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1894990000	SLDV-THR 5.00/06G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1882700000	SLDV-THR 5.00/06G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1895000000	SLDV-THR 5.00/08G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1862370000	SLDV-THR 5.00/08G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1895010000	SLDV-THR 5.00/10G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1882710000	SLDV-THR 5.00/10G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1882720000	SLDV-THR 5.00/12G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1895030000	SLDV-THR 5.00/14G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1882730000	SLDV-THR 5.00/14G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1895040000	SLDV-THR 5.00/16G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1862380000	SLDV-THR 5.00/16G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1895050000	SLDV-THR 5.00/18G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1882740000	SLDV-THR 5.00/18G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1895060000	SLDV-THR 5.00/20G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1862390000	SLDV-THR 5.00/20G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1895070000	SLDV-THR 5.00/22G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1882750000	SLDV-THR 5.00/22G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1895080000	SLDV-THR 5.00/24G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1882760000	SLDV-THR 5.00/24G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box

1895090000	SLDV-THR 5.00/26G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1882770000	SLDV-THR 5.00/26G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1895100000	SLDV-THR 5.00/28G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1882780000	SLDV-THR 5.00/28G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1895110000	SLDV-THR 5.00/30G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1882790000	SLDV-THR 5.00/30G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1895120000	SLDV-THR 5.00/32G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1882800000	SLDV-THR 5.00/32G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1895130000	SLDV-THR 5.00/34G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1882810000	SLDV-THR 5.00/34G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1895140000	SLDV-THR 5.00/36G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1882820000	SLDV-THR 5.00/36G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1895150000	SLDV-THR 5.00/38G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1882830000	SLDV-THR 5.00/38G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1895180000	SLDV-THR 5.00/40G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1862400000	SLDV-THR 5.00/40G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1895190000	SLDV-THR 5.00/42G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1882840000	SLDV-THR 5.00/42G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1895200000	SLDV-THR 5.00/44G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box
1882850000	SLDV-THR 5.00/44G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box
1895210000	SLDV-THR 5.00/46G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1882860000	SLDV-THR 5.00/46G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1895220000	SLDV-THR 5.00/48G 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box
1882870000	SLDV-THR 5.00/48G 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box