



General ordering data

Order No.	1883140000
Part designation	SLDV-THR 5.00/12FLF 3.2 SN SW
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
EAN	4032248487516
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	3.2 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
1895460000	SLDV-THR 5.00/04FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1883100000	SLDV-THR 5.00/04FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1895470000	SLDV-THR 5.00/06FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1883110000	SLDV-THR 5.00/06FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1895480000	SLDV-THR 5.00/08FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1883120000	SLDV-THR 5.00/08FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1895490000	SLDV-THR 5.00/10FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1883130000	SLDV-THR 5.00/10FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1895500000	SLDV-THR 5.00/12FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1895510000	SLDV-THR 5.00/14FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1883150000	SLDV-THR 5.00/14FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1895520000	SLDV-THR 5.00/16FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1883160000	SLDV-THR 5.00/16FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1895530000	SLDV-THR 5.00/18FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1883170000	SLDV-THR 5.00/18FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1895540000	SLDV-THR 5.00/20FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1883180000	SLDV-THR 5.00/20FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1895550000	SLDV-THR 5.00/22FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1883190000	SLDV-THR 5.00/22FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1895560000	SLDV-THR 5.00/24FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1883200000	SLDV-THR 5.00/24FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box

1895570000	SLDV-THR 5.00/26FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1883230000	SLDV-THR 5.00/26FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1895580000	SLDV-THR 5.00/28FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1883240000	SLDV-THR 5.00/28FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1895590000	SLDV-THR 5.00/30FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1883250000	SLDV-THR 5.00/30FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1895600000	SLDV-THR 5.00/32FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1883270000	SLDV-THR 5.00/32FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1895610000	SLDV-THR 5.00/34FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1883280000	SLDV-THR 5.00/34FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1895620000	SLDV-THR 5.00/36FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1883290000	SLDV-THR 5.00/36FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1895630000	SLDV-THR 5.00/38FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1883300000	SLDV-THR 5.00/38FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1895640000	SLDV-THR 5.00/40FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1883310000	SLDV-THR 5.00/40FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1895650000	SLDV-THR 5.00/42FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1883320000	SLDV-THR 5.00/42FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1895660000	SLDV-THR 5.00/44FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box
1883330000	SLDV-THR 5.00/44FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box
1895670000	SLDV-THR 5.00/46FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1883340000	SLDV-THR 5.00/46FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1895680000	SLDV-THR 5.00/48FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box
1883350000	SLDV-THR 5.00/48FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box