



General ordering data

Order No.	1881340000
Part designation	SLDV-THR 5.00/20F 3.2 SN SW
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
EAN	4032248482719
Qty.	20 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	20
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	45 mm
L1 in inch	1.772 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
1895230000	SLDV-THR 5.00/04F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1882930000	SLDV-THR 5.00/04F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1895240000	SLDV-THR 5.00/06F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1882940000	SLDV-THR 5.00/06F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1895250000	SLDV-THR 5.00/08F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1882950000	SLDV-THR 5.00/08F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1895260000	SLDV-THR 5.00/10F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1882960000	SLDV-THR 5.00/10F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1895270000	SLDV-THR 5.00/12F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1882970000	SLDV-THR 5.00/12F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1895280000	SLDV-THR 5.00/14F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1882980000	SLDV-THR 5.00/14F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1895290000	SLDV-THR 5.00/16F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1882990000	SLDV-THR 5.00/16F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1895300000	SLDV-THR 5.00/18F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1883000000	SLDV-THR 5.00/18F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1895310000	SLDV-THR 5.00/20F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1895320000	SLDV-THR 5.00/22F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1883010000	SLDV-THR 5.00/22F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1895330000	SLDV-THR 5.00/24F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1881370000	SLDV-THR 5.00/24F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box

1895340000	SLDV-THR 5.00/26F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1883020000	SLDV-THR 5.00/26F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1895350000	SLDV-THR 5.00/28F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1881390000	SLDV-THR 5.00/28F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1895360000	SLDV-THR 5.00/30F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1883030000	SLDV-THR 5.00/30F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1895370000	SLDV-THR 5.00/32F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1881400000	SLDV-THR 5.00/32F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1895380000	SLDV-THR 5.00/34F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1881420000	SLDV-THR 5.00/34F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1895390000	SLDV-THR 5.00/36F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1881470000	SLDV-THR 5.00/36F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1895400000	SLDV-THR 5.00/38F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1883040000	SLDV-THR 5.00/38F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1895410000	SLDV-THR 5.00/40F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1881490000	SLDV-THR 5.00/40F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1895420000	SLDV-THR 5.00/42F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1883050000	SLDV-THR 5.00/42F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1895430000	SLDV-THR 5.00/44F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box
1883060000	SLDV-THR 5.00/44F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box
1895440000	SLDV-THR 5.00/46F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1883070000	SLDV-THR 5.00/46F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1895450000	SLDV-THR 5.00/48F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box
1883080000	SLDV-THR 5.00/48F 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box