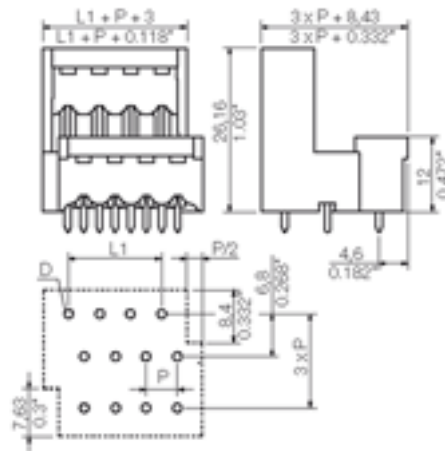




General ordering data

Order No.	1911830000
Part designation	SLDV-THR5.00/20GLF1.5SN
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
EAN	4032248539987
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	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	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
1911750000	SLDV-THR5.00/04GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1911290000	SLDV-THR5.00/04GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1911760000	SLDV-THR5.00/06GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1911310000	SLDV-THR5.00/06GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1911770000	SLDV-THR5.00/08GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1911320000	SLDV-THR5.00/08GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1911780000	SLDV-THR5.00/10GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1911330000	SLDV-THR5.00/10GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1911790000	SLDV-THR5.00/12GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1911340000	SLDV-THR5.00/12GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1911800000	SLDV-THR5.00/14GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1911350000	SLDV-THR5.00/14GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1911810000	SLDV-THR5.00/16GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1911360000	SLDV-THR5.00/16GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1911820000	SLDV-THR5.00/18GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1911370000	SLDV-THR5.00/18GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1911410000	SLDV-THR5.00/20GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1911840000	SLDV-THR5.00/22GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1911470000	SLDV-THR5.00/22GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1911850000	SLDV-THR5.00/24GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1911500000	SLDV-THR5.00/24GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box

1911860000	SLDV-THR5.00/26GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1911520000	SLDV-THR5.00/26GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 26, 180°, Box
1911870000	SLDV-THR5.00/28GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1911550000	SLDV-THR5.00/28GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 28, 180°, Box
1911880000	SLDV-THR5.00/30GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1911640000	SLDV-THR5.00/30GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 30, 180°, Box
1911890000	SLDV-THR5.00/32GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1911650000	SLDV-THR5.00/32GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 32, 180°, Box
1911900000	SLDV-THR5.00/34GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1911660000	SLDV-THR5.00/34GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 34, 180°, Box
1911910000	SLDV-THR5.00/36GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1911670000	SLDV-THR5.00/36GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1911920000	SLDV-THR5.00/38GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1911680000	SLDV-THR5.00/38GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 38, 180°, Box
1911930000	SLDV-THR5.00/40GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1911690000	SLDV-THR5.00/40GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 40, 180°, Box
1911940000	SLDV-THR5.00/42GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1911710000	SLDV-THR5.00/42GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 42, 180°, Box
1911950000	SLDV-THR5.00/44GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box
1911720000	SLDV-THR5.00/44GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 44, 180°, Box
1911960000	SLDV-THR5.00/46GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1911730000	SLDV-THR5.00/46GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 46, 180°, Box
1911970000	SLDV-THR5.00/48GLF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box
1911740000	SLDV-THR5.00/48GLF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 48, 180°, Box