



General ordering data

Order No.	1829070000
Part designation	SLDV-THR5.08/16FLF 3.2SN SW
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 16, 180°, Box
EAN	4032248335763
Qty.	20 pc(s).

System parameters

Fitted to PCB	Reflow solder connection
Outgoing elbow	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	16
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	35.56 mm
L1 in inch	1.4 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
Contact base material	CuSn

Material data

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



Downloads

CAD Library (P-CAD Format - Standard) SLDV-THR.LIB

Classifications

ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01
eClass 5.1	27-26-07-04

Similar products

Order No.	Part designation	Version
1829130000	SLDV-THR5.08/4FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1829010000	SLDV-THR5.08/4FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1829140000	SLDV-THR5.08/6FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1829020000	SLDV-THR5.08/6FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1829150000	SLDV-THR5.08/8FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1829030000	SLDV-THR5.08/8FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1829160000	SLDV-THR5.08/10FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1829040000	SLDV-THR5.08/10FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1829170000	SLDV-THR5.08/12FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1829050000	SLDV-THR5.08/12FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1829180000	SLDV-THR5.08/14FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1829060000	SLDV-THR5.08/14FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1829190000	SLDV-THR5.08/16FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1829200000	SLDV-THR5.08/18FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1829080000	SLDV-THR5.08/18FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1829210000	SLDV-THR5.08/20FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1829090000	SLDV-THR5.08/20FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1829220000	SLDV-THR5.08/22FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 22, 180°, Box

1829100000	SLDV-THR5.08/22FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1829230000	SLDV-THR5.08/24FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1829110000	SLDV-THR5.08/24FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1829240000	SLDV-THR5.08/26FLF 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 26, 180°, Box
1829120000	SLDV-THR5.08/26FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 26, 180°, Box
1881480000	SLDV-THR 5.08/28LF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 28, 180°, Box
1889200000	SLDV-THR5.08/28FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 28, 180°, Box
1881500000	SLDV-THR 5.08/30FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 30, 180°, Box
1889210000	SLDV-THR5.08/30/180FLF 3.2 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 30, 180°, Box
1881510000	SLDV-THR 5.08/32FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 32, 180°, Box
1866320000	SLDV-THR 5.08/32 FLF3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 32, 180°, Box
1881520000	SLDV-THR 5.08/34FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 34, 180°, Box
1889220000	SLDV-THR5.08/34FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 34, 180°, Box
1881530000	SLDV-THR 5.08/36FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 36, 180°, Box
1889270000	SLDV-THR5.08/36FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 36, 180°, Box
1881540000	SLDV-THR 5.08/38FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 38, 180°, Box
1889280000	SLDV-THR5.08/38FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 38, 180°, Box
1881550000	SLDV-THR 5.08/40FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 40, 180°, Box
1889290000	SLDV-THR5.08/40FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 40, 180°, Box
1881560000	SLDV-THR 5.08/42FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 42, 180°, Box
1889300000	SLDV-THR5.08/42FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 42, 180°, Box
1881570000	SLDV-THR 5.08/44FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 44, 180°, Box
1889310000	SLDV-THR5.08/44FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 44, 180°, Box
1881580000	SLDV-THR 5.08/46FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 46, 180°, Box
1889320000	SLDV-THR5.08/46FLF 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 46, 180°, Box
1881590000	SLDV-THR 5.08/48FLF 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 48, 180°, Box

1889330000 SLDV-THR5.08/48FLF 3.2SN
SW

PCB plug-in connector, Male connectors, Reflow solder connection,
Pitch: 5.08 mm, No. of poles: 48, 180°, Box