



General ordering data

Order No.	1828830000
Part designation	SLDV-THR5.08/16F 3.2SN SW
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 16, 180°, Box
EAN	4032248335527
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
1828890000	SLDV-THR5.08/4F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1828770000	SLDV-THR5.08/4F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1828900000	SLDV-THR5.08/6F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1828780000	SLDV-THR5.08/6F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1828910000	SLDV-THR5.08/8F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1828790000	SLDV-THR5.08/8F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1828920000	SLDV-THR5.08/10F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1828800000	SLDV-THR5.08/10F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1828930000	SLDV-THR5.08/12F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1828810000	SLDV-THR5.08/12F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1828940000	SLDV-THR5.08/14F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1828820000	SLDV-THR5.08/14F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1828950000	SLDV-THR5.08/16F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1828960000	SLDV-THR5.08/18F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1828840000	SLDV-THR5.08/18F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1828970000	SLDV-THR5.08/20F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1828850000	SLDV-THR5.08/20F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1828980000	SLDV-THR5.08/22F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 22, 180°, Box

1828860000	SLDV-THR5.08/22F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1828990000	SLDV-THR5.08/24F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1828870000	SLDV-THR5.08/24F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 24, 180°, Box
1829000000	SLDV-THR5.08/26F 1.5SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 26, 180°, Box
1828880000	SLDV-THR5.08/26F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 26, 180°, Box
1889340000	SLDV-THR5.08/28F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 28, 180°, Box
1881310000	SLDV-THR 5.08/28F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 28, 180°, Box
1889350000	SLDV-THR5.08/30F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 30, 180°, Box
1881320000	SLDV-THR 5.08/30F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 30, 180°, Box
1866330000	SLDV-THR 5.08/32F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 32, 180°, Box
1881330000	SLDV-THR 5.08/32F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 32, 180°, Box
1889360000	SLDV-THR5.08/34F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 34, 180°, Box
1881350000	SLDV-THR 5.08/34F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 34, 180°, Box
1889370000	SLDV-THR5.08/36F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 36, 180°, Box
1881360000	SLDV-THR 5.08/36F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 36, 180°, Box
1889380000	SLDV-THR5.08/38F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 38, 180°, Box
1881380000	SLDV-THR 5.08/38F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 38, 180°, Box
1889390000	SLDV-THR5.08/40F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 40, 180°, Box
1881410000	SLDV-THR 5.08/40F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 40, 180°, Box
1889400000	SLDV-THR5.08/42F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 42, 180°, Box
1881430000	SLDV-THR 5.08/42F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 42, 180°, Box
1889410000	SLDV-THR5.08/44F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 44, 180°, Box
1881440000	SLDV-THR 5.08/44F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 44, 180°, Box
1889420000	SLDV-THR5.08/46F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 46, 180°, Box
1881450000	SLDV-THR 5.08/46F 1.5 SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 46, 180°, Box
1889430000	SLDV-THR5.08/48F 3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 48, 180°, Box

1881460000 SLDV-THR 5.08/48F 1.5 SN SW PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 48, 180°, Box