



General ordering data

Order No.	1775412001
Part designation	SL-SMT5.08/20/90LF 1.5SN
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 20, 90°, Box
EAN	4032248157396
Qty.	20 pc(s).

System parameters

Fitted to PCB	Reflow solder connection
Outgoing elbow	90°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	20
Solder pin length	1.5 mm
Can be coded	Yes
No. of solder pins per pole	1
L1 in mm	96.52 mm
L1 in inch	3.8 inch

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
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)	19 A
Rated current, max. No. pins (Tu=20°C)	15 A
Rated current, min. No. pins (Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	13 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

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 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
1775232001	SL-SMT5.08/2/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 2, 90°, Box
1780410000	SL-SMT5.08/2/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 2, 90°, Box
1775242001	SL-SMT5.08/3/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 3, 90°, Box

1780420000	SL-SMT5.08/3/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 3, 90°, Box
1775252001	SL-SMT5.08/4/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Box
1780430000	SL-SMT5.08/4/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Box
1775262001	SL-SMT5.08/5/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 5, 90°, Box
1780440000	SL-SMT5.08/5/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 5, 90°, Box
1775272001	SL-SMT5.08/6/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Box
1780450000	SL-SMT5.08/6/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Box
1775282001	SL-SMT5.08/7/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 7, 90°, Box
1780460000	SL-SMT5.08/7/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 7, 90°, Box
1775292001	SL-SMT5.08/8/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 8, 90°, Box
1780470000	SL-SMT5.08/8/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 8, 90°, Box
1775302001	SL-SMT5.08/9/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 9, 90°, Box
1780480000	SL-SMT5.08/9/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 9, 90°, Box
1775312001	SL-SMT5.08/10/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 10, 90°, Box
1780490000	SL-SMT5.08/10/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 10, 90°, Box
1775322001	SL-SMT5.08/11/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 11, 90°, Box
1780500000	SL-SMT5.08/11/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 11, 90°, Box
1775332001	SL-SMT5.08/12/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 12, 90°, Box
1780510000	SL-SMT5.08/12/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 12, 90°, Box
1775342001	SL-SMT5.08/13/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 13, 90°, Box
1780540000	SL-SMT5.08/13/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 13, 90°, Box
1775352001	SL-SMT5.08/14/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 14, 90°, Box
1775362001	SL-SMT5.08/15/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 15, 90°, Box
1775372001	SL-SMT5.08/16/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 16, 90°, Box
1780570000	SL-SMT5.08/16/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 16, 90°, Box
1775382001	SL-SMT5.08/17/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 17, 90°, Box

1780580000	SL-SMT5.08/17/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 17, 90°, Box
1775392001	SL-SMT5.08/18/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 18, 90°, Box
1780590000	SL-SMT5.08/18/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 18, 90°, Box
1775402001	SL-SMT5.08/19/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 19, 90°, Box
1780600000	SL-SMT5.08/19/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 19, 90°, Box
1780610000	SL-SMT5.08/20/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 20, 90°, Box
1775422001	SL-SMT5.08/21/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 21, 90°, Box
1780620000	SL-SMT5.08/21/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 21, 90°, Box
1775432001	SL-SMT5.08/22/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 22, 90°, Box
1780630000	SL-SMT5.08/22/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 22, 90°, Box
1775442001	SL-SMT5.08/23/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 23, 90°, Box
1780640000	SL-SMT5.08/23/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 23, 90°, Box
1775452001	SL-SMT5.08/24/90LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 24, 90°, Box
1780650000	SL-SMT5.08/24/90LF 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 24, 90°, Box