



General ordering data

Order No. Part designation Version

EAN Qty.

System parameters

Fitted to PCB Outgoing elbow Pitch Pitch in inch No. of poles Solder pin length Can be coded No. of rows No. of solder pins per pole Fitting hole tolerance L1 in mm L1 in inch Insulation resistance 1796560000 SL-SMT5.00/10/180 1.5SN PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box 4032248237081 50 pc(s).

Reflow solder connection
180°
5 mm
0.197 inch
10
1.5 mm
Yes
1
1
+ 0.1 mm
45 mm
1.772 inch
1 ΜΩ



Material data	
Insulating material	LCP GF
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	Illa
Flammability class UL 94	V-0
СТІ	>= 175
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	250 V
severity III/3	
Rated impulse withstand voltage for overvoltage	4 kV
class/pollution severity III/3	
Rated voltage for overvoltage class/pollution	320 V
severity III/2	
Rated impulse withstand voltage for overvoltage	4 kV
class/pollution severity III/2	
Rated voltage for overvoltage class/pollution	400 V
severity II/2	
Rated impulse withstand voltage for overvoltage	4 kV
class/pollution severity II/2	
CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
UL 1059 rating data	000.1/
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A

Approvals institutes



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Classifications	
ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01

Classifications

eClass 5.0 eClass 5.1 27-26-07-01 27-26-07-04

Similar products

Order No.		
1796480000	SL-SMT5.00/2/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1840920000	SL-SMT5.00/2/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1796490000	SL-SMT5.00/3/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1840930000	SL-SMT5.00/3/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1796500000	SL-SMT5.00/4/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1840940000	SL-SMT5.00/4/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1796510000	SL-SMT5.00/5/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1840950000	SL-SMT5.00/5/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1796520000	SL-SMT5.00/6/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1840960000	SL-SMT5.00/6/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1796530000	SL-SMT5.00/7/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1840970000	SL-SMT5.00/7/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1796540000	SL-SMT5.00/8/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1840980000	SL-SMT5.00/8/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1796550000	SL-SMT5.00/9/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1840990000	SL-SMT5.00/9/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1841000000	SL-SMT5.00/10/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1796570000	SL-SMT5.00/11/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1841020000	SL-SMT5.00/11/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1796580000	SL-SMT5.00/12/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1841030000	SL-SMT5.00/12/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box



1796590000	SL-SMT5.00/13/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1841040000	SL-SMT5.00/13/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1796600000	SL-SMT5.00/14/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1841050000	SL-SMT5.00/14/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1796610000	SL-SMT5.00/15/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1841060000	SL-SMT5.00/15/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1796620000	SL-SMT5.00/16/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1841070000	SL-SMT5.00/16/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1841080000	SL-SMT5.00/17/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 17, 180°, Box
1841090000	SL-SMT5.00/18/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1841100000	SL-SMT5.00/19/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 19, 180°, Box
1841110000	SL-SMT5.00/20/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1841120000	SL-SMT5.00/21/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 21, 180°, Box
1841130000	SL-SMT5.00/22/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1841140000	SL-SMT5.00/23/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 23, 180°, Box
1841150000	SL-SMT5.00/24/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box

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