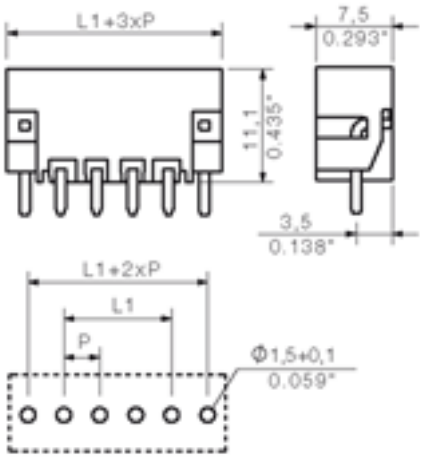




General ordering data	
Order No.	1842690000
Part designation	SL-SMT3.5/17/180LF 3.2SN SW BOX
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 17, 180°, Box
EAN	4032248354054
Qty.	20 pc(s).

System parameters	
Fitted to PCB	Reflow solder connection
Outgoing elbow	180°
Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	17
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	1
No. of solder pins per pole	1
Dia. of fitting hole	1.4 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	56 mm
L1 in inch	2.205 inch
Insulation resistance	1 MΩ
Electric shock protection to DIN VDE 0470	IP 10
Electric shock protection to DIN VDE 0470	Safe from back-of-hand touch

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
Temperature of glow-wire test	960 °C

Material data	
Duration of glow-wire test	30 S
Contact base material	CuSn
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100 °C
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)	12 A
Rated current, min. No. pins(Tu=40°C)	13 A
Rated current, max. No. pins (Tu=40°C)	10 A
Rated voltage for overvoltage class/pollution severity III/3	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated voltage for overvoltage class/pollution severity II/2	320 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 100 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	

Approvals

Downloads

CAD Library (P-CAD Format - Standard)	SL-SMT.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
1804700000	SL-SMT3.5/2/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 2, 180°, Box
1842540000	SL-SMT3.5/2/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 2, 180°, Box
1804710000	SL-SMT3.5/3/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 3, 180°, Box
1842550000	SL-SMT3.5/3/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 3, 180°, Box
1804720000	SL-SMT3.5/4/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 4, 180°, Box
1842560000	SL-SMT3.5/4/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 4, 180°, Box
1804730000	SL-SMT3.5/5/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 5, 180°, Box
1842570000	SL-SMT3.5/5/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 5, 180°, Box
1804740000	SL-SMT3.5/6/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1842580000	SL-SMT3.5/6/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1804750000	SL-SMT3.5/7/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 7, 180°, Box
1842590000	SL-SMT3.5/7/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 7, 180°, Box
1804760000	SL-SMT3.5/8/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1842600000	SL-SMT3.5/8/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1804770000	SL-SMT3.5/9/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 9, 180°, Box
1842610000	SL-SMT3.5/9/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 9, 180°, Box
1804780000	SL-SMT3.5/10/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box

1842620000	SL-SMT3.5/10/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1804790000	SL-SMT3.5/11/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 11, 180°, Box
1842630000	SL-SMT3.5/11/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 11, 180°, Box
1804800000	SL-SMT3.5/12/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1842640000	SL-SMT3.5/12/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1804810000	SL-SMT3.5/13/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 13, 180°, Box
1842650000	SL-SMT3.5/13/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 13, 180°, Box
1804820000	SL-SMT3.5/14/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1842660000	SL-SMT3.5/14/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1804830000	SL-SMT3.5/15/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 15, 180°, Box
1842670000	SL-SMT3.5/15/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 15, 180°, Box
1804840000	SL-SMT3.5/16/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1842680000	SL-SMT3.5/16/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1804850000	SL-SMT3.5/17/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 17, 180°, Box
1804860000	SL-SMT3.5/18/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1842700000	SL-SMT3.5/18/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1804870000	SL-SMT3.5/19/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 19, 180°, Box
1842710000	SL-SMT3.5/19/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 19, 180°, Box
1804890000	SL-SMT3.5/20/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1842720000	SL-SMT3.5/20/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1804900000	SL-SMT3.5/21/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 21, 180°, Box
1842730000	SL-SMT3.5/21/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 21, 180°, Box
1804910000	SL-SMT3.5/22/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1842740000	SL-SMT3.5/22/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1804920000	SL-SMT3.5/23/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 23, 180°, Box
1842750000	SL-SMT3.5/23/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 23, 180°, Box

1804930000	SL-SMT3.5/24/180LF 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box
1842760000	SL-SMT3.5/24/180LF 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box