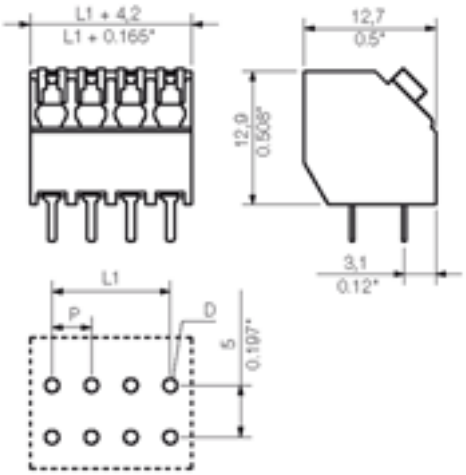




General ordering data	
Order No.	1885470000
Part designation	LSF-SMT3.81/8/135 1.5
Version	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 8, 135°, Tube
EAN	4032248490356
Qty.	17 pc(s).

System parameters	
Product family	System LS
Conductor connection system	Push In
Fitted to PCB	Reflow solder connection
Outgoing direction of conductor	135°
Pitch	3.81 mm
Pitch in inch	0.15 inch
No. of poles	8
Fitted by customer	no
No. of rows	1
Solder pin length	1.5 mm
Dia. of fitting hole	1.1 mm
Fitting hole tolerance	+ 0.1 mm
No. of solder pins per pole	2
Stripping length	8 mm

System parameters	
L1 in mm	26.67 mm
L1 in inch	1.05 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger 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
Contact base material	Copper alloy
Contact surface	tinned
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C

Connectable conductors	
Clamping range, min.	0.13 mm²
Clamping range, max.	1.5 mm²
AWG, min.	24
AWG, max.	16
O.D. of conductor insulation, max.	2.9 mm
Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	1.5 mm²
Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	1.5 mm²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm²
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	0.75 mm²

DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	17.5 A
Rated current, max. No. pins (Tu=20°C)	16 A
Rated current, min. No. pins(Tu=40°C)	17.5 A
Rated current, max. No. pins (Tu=40°C)	14 A
Rated voltage for overvoltage class/pollution severity II/2	320 V
Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated voltage for overvoltage class/pollution severity III/3	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Short-time withstand current resistance	3 x 1s with 80 A

CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor (field wiring), min.	24
AWG conductor (field wiring), max.	16

UL 1059 rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor, min.	24
AWG conductor, max.	16

Approvals

Approvals institutes

Classifications

eClass 5.1 27-26-11-01

Similar products

Order No.	Part designation	Version
1885880000	LSF-SMT3.81/2/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 2, 135°, Tube
1888320000	LSF-SMT3.81/2/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 2, 135°, Tape
1885410000	LSF-SMT3.81/2/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 2, 135°, Tube
1888450000	LSF-SMT3.81/2/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 2, 135°, Tape
1885890000	LSF-SMT3.81/3/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 3, 135°, Tube
1888330000	LSF-SMT3.81/3/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 3, 135°, Tape
1885420000	LSF-SMT3.81/3/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 3, 135°, Tube
1888460000	LSF-SMT3.81/3/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 3, 135°, Tape
1885900000	LSF-SMT3.81/4/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 4, 135°, Tube
1888340000	LSF-SMT3.81/4/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 4, 135°, Tape
1885430000	LSF-SMT3.81/4/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 4, 135°, Tube
1888470000	LSF-SMT3.81/4/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 4, 135°, Tape

1885910000	LSF-SMT3.81/5/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 5, 135°, Tube
1888380000	LSF-SMT3.81/5/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 5, 135°, Tape
1885440000	LSF-SMT3.81/5/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 5, 135°, Tube
1888480000	LSF-SMT3.81/5/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 5, 135°, Tape
1885920000	LSF-SMT3.81/6/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 6, 135°, Tube
1888390000	LSF-SMT3.81/6/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 6, 135°, Tape
1885450000	LSF-SMT3.81/6/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 6, 135°, Tube
1888490000	LSF-SMT3.81/6/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 6, 135°, Tape
1885930000	LSF-SMT3.81/7/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 7, 135°, Tube
1888400000	LSF-SMT3.81/7/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 7, 135°, Tape
1885460000	LSF-SMT3.81/7/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 7, 135°, Tube
1888500000	LSF-SMT3.81/7/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 7, 135°, Tape
1885940000	LSF-SMT3.81/8/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 8, 135°, Tube
1888410000	LSF-SMT3.81/8/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 8, 135°, Tape
1888510000	LSF-SMT3.81/8/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 8, 135°, Tape
1885950000	LSF-SMT3.81/9/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 9, 135°, Tube
1888420000	LSF-SMT3.81/9/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 9, 135°, Tape
1885480000	LSF-SMT3.81/9/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 9, 135°, Tube
1888520000	LSF-SMT3.81/9/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 9, 135°, Tape
1885960000	LSF-SMT3.81/10/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 10, 135°, Tube
1888430000	LSF-SMT3.81/10/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 10, 135°, Tape
1885490000	LSF-SMT3.81/10/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 10, 135°, Tube
1888530000	LSF-SMT3.81/10/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 10, 135°, Tape
1885970000	LSF-SMT3.81/11/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 11, 135°, Tube
1888440000	LSF-SMT3.81/11/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 11, 135°, Tape
1885510000	LSF-SMT3.81/11/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 11, 135°, Tube

1888540000	LSF-SMT3.81/11/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 11, 135°, Tape
1885980000	LSF-SMT3.81/12/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 12, 135°, Tube
1885520000	LSF-SMT3.81/12/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 12, 135°, Tube
1885990000	LSF-SMT3.81/13/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 13, 135°, Tube
1885530000	LSF-SMT3.81/13/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 13, 135°, Tube
1886000000	LSF-SMT3.81/14/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 14, 135°, Tube
1885540000	LSF-SMT3.81/14/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 14, 135°, Tube
1886010000	LSF-SMT3.81/15/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 15, 135°, Tube
1885550000	LSF-SMT3.81/15/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 15, 135°, Tube
1886020000	LSF-SMT3.81/16/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 16, 135°, Tube
1885560000	LSF-SMT3.81/16/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 16, 135°, Tube
1886030000	LSF-SMT3.81/17/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 17, 135°, Tube
1885570000	LSF-SMT3.81/17/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 17, 135°, Tube
1886040000	LSF-SMT3.81/18/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 18, 135°, Tube
1885580000	LSF-SMT3.81/18/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 18, 135°, Tube
1886050000	LSF-SMT3.81/19/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 19, 135°, Tube
1885590000	LSF-SMT3.81/19/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 19, 135°, Tube
1886060000	LSF-SMT3.81/20/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 20, 135°, Tube
1885600000	LSF-SMT3.81/20/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 20, 135°, Tube
1886070000	LSF-SMT3.81/21/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 21, 135°, Tube
1885610000	LSF-SMT3.81/21/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 21, 135°, Tube
1886080000	LSF-SMT3.81/22/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 22, 135°, Tube
1885620000	LSF-SMT3.81/22/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 22, 135°, Tube
1886090000	LSF-SMT3.81/23/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 23, 135°, Tube
1885630000	LSF-SMT3.81/23/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 23, 135°, Tube
1886100000	LSF-SMT3.81/24/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 24, 135°, Tube

1885640000	LSF-SMT3.81/24/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 3.81 mm, No. of poles: 24, 135°, Tube

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