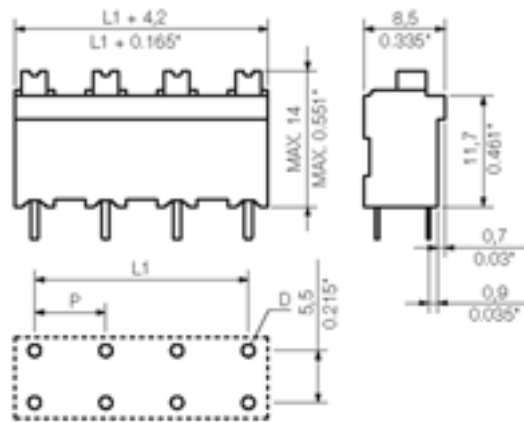




General ordering data

Order No.	1875090000
Part designation	LSF-SMT7.50/4/180 1.5R
Version	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 4, 180°, Tape
EAN	4032248465040
Qty.	175 pc(s).

System parameters

Product family	System LS
Conductor connection system	Push In
Fitted to PCB	Reflow solder connection
Outgoing direction of conductor	180°
Pitch	7.5 mm
Pitch in inch	0.295 inch
No. of poles	4
Fitted by customer	yes
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	22.5 mm
L1 in inch	0.886 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 mm ²
Clamping range, max.	1.5 mm ²
AWG, min.	28
AWG, max.	16
O.D. of conductor insulation, max.	2.9 mm
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	1.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	0.75 mm ²

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	17.5 A
Rated current, max. No. pins (Tu=20°C)	17.5 A
Rated current, min. No. pins (Tu=40°C)	17.5 A
Rated current, max. No. pins (Tu=40°C)	15 A
Rated voltage for overvoltage class/pollution severity II/2	800 V
Rated voltage for overvoltage class/pollution severity III/2	630 V
Rated voltage for overvoltage class/pollution severity III/3	500 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	6 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	6 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	6 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



Downloads

CAD Library (P-CAD Format - Standard)	LSF-SMT.lib
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Classifications

ETIM 3.0	EC001284
eClass 5.1	27-26-11-01

Similar products

Order No.	Part designation	Version
1826130000	LSF-SMT7.50/2/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 180°, Tube
1875490000	LSF-SMT7.50/2/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 180°, Tape
1870280000	LSF-SMT 7.50/2/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 180°, Tube
1875500000	LSF-SMT7.50/2/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 180°, Tape
1826140000	LSF-SMT7.50/3/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 180°, Tube
1875450000	LSF-SMT7.50/3/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 180°, Tape

1870290000	LSF-SMT 7.50/3/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 180°, Tube
1875460000	LSF-SMT7.50/3/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 180°, Tape
1826150000	LSF-SMT7.50/4/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 4, 180°, Tube
1875060000	LSF-SMT7.50/4/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 4, 180°, Tape
1870300000	LSF-SMT 7.50/4/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 4, 180°, Tube
1826160000	LSF-SMT7.50/5/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 180°, Tube
1875000000	LSF-SMT7.50/5/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 180°, Tape
1870310000	LSF-SMT 7.50/5/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 180°, Tube
1875010000	LSF-SMT7.50/5/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 180°, Tape
1826170000	LSF-SMT7.50/6/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 6, 180°, Tube
1874920000	LSF-SMT7.50/6/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 6, 180°, Tape
1870320000	LSF-SMT 7.50/6/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 6, 180°, Tube
1874950000	LSF-SMT7.50/6/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 6, 180°, Tape
1826180000	LSF-SMT7.50/7/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 7, 180°, Tube
1870330000	LSF-SMT 7.50/7/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 7, 180°, Tube
1826190000	LSF-SMT7.50/8/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 8, 180°, Tube
1870340000	LSF-SMT 7.50/8/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 8, 180°, Tube