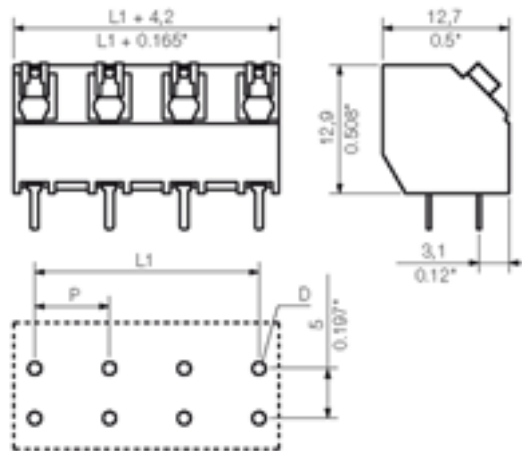




General ordering data

Order No.	1886170000
Part designation	LSF-SMT7.50/8/135 3.5
Version	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 8, 135°, Tube
EAN	4032248491131
Qty.	9 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	7.5 mm
Pitch in inch	0.295 inch
No. of poles	8
Fitted by customer	yes
No. of rows	1
Solder pin length	3.5 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	52.5 mm
L1 in inch	2.067 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



Classifications

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

Similar products

Order No.	Part designation	Version
1886110000	LSF-SMT7.50/2/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 135°, Tube
1888970000	LSF-SMT7.50/2/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 135°, Tape
1884880000	LSF-SMT7.50/2/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 135°, Tube
1888890000	LSF-SMT7.50/2/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 135°, Tape
1886120000	LSF-SMT7.50/3/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 135°, Tube
1888990000	LSF-SMT7.50/3/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 135°, Tape
1884890000	LSF-SMT7.50/3/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 135°, Tube

1888910000	LSF-SMT7.50/3/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 135°, Tape
1886130000	LSF-SMT7.50/4/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 4, 135°, Tube
1889000000	LSF-SMT7.50/4/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 4, 135°, Tape
1884900000	LSF-SMT7.50/4/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 4, 135°, Tube
1888930000	LSF-SMT7.50/4/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 4, 135°, Tape
1886140000	LSF-SMT7.50/5/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 135°, Tube
1889020000	LSF-SMT7.50/5/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 135°, Tape
1884910000	LSF-SMT7.50/5/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 135°, Tube
1888940000	LSF-SMT7.50/5/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 135°, Tape
1886150000	LSF-SMT7.50/6/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 6, 135°, Tube
1889030000	LSF-SMT7.50/6/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 6, 135°, Tape
1884920000	LSF-SMT7.50/6/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 6, 135°, Tube
1888950000	LSF-SMT7.50/6/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 6, 135°, Tape
1886160000	LSF-SMT7.50/7/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 7, 135°, Tube
1884930000	LSF-SMT7.50/7/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 7, 135°, Tube
1884940000	LSF-SMT7.50/8/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.50 mm, No. of poles: 8, 135°, Tube