



#### General ordering data

Order No.	1884870000
Part designation	LSF-SMT5.08/16/135 1.5
Version	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 135°, Tube
EAN	4032248489541
Qty.	6 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	5.08 mm
Pitch in inch	0.2 inch
No. of poles	16
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	76.2 mm
L1 in inch	3 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 <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>
AWG, min.	24
AWG, max.	16
O.D. of conductor insulation, max.	2.9 mm
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	0.75 mm <sup>2</sup>

#### 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	500 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 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
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#### Similar products

Order No.	Part designation	Version
1885020000	LSF-SMT5.08/2/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 135°, Tube
1888780000	LSF-SMT5.08/2/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 135°, Tape
1884730000	LSF-SMT5.08/2/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 135°, Tube
1888710000	LSF-SMT5.08/2/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 135°, Tape
1885030000	LSF-SMT5.08/3/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 135°, Tube
1888790000	LSF-SMT5.08/3/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 135°, Tape
1884740000	LSF-SMT5.08/3/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 135°, Tube
1888720000	LSF-SMT5.08/3/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 135°, Tape
1885040000	LSF-SMT5.08/4/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 135°, Tube
1888810000	LSF-SMT5.08/4/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 135°, Tape
1884750000	LSF-SMT5.08/4/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 135°, Tube
1888730000	LSF-SMT5.08/4/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 135°, Tape

1885050000	LSF-SMT5.08/5/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 135°, Tube
1888830000	LSF-SMT5.08/5/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 135°, Tape
1884760000	LSF-SMT5.08/5/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 135°, Tube
1888740000	LSF-SMT5.08/5/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 135°, Tape
1885060000	LSF-SMT5.08/6/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 135°, Tube
1888840000	LSF-SMT5.08/6/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 135°, Tape
1884770000	LSF-SMT5.08/6/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 135°, Tube
1888750000	LSF-SMT5.08/6/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 135°, Tape
1885070000	LSF-SMT5.08/7/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 135°, Tube
1888870000	LSF-SMT5.08/7/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 135°, Tape
1884780000	LSF-SMT5.08/7/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 135°, Tube
1888760000	LSF-SMT5.08/7/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 135°, Tape
1885080000	LSF-SMT5.08/8/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 135°, Tube
1888880000	LSF-SMT5.08/8/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 135°, Tape
1884790000	LSF-SMT5.08/8/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 135°, Tube
1888770000	LSF-SMT5.08/8/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 135°, Tape
1885090000	LSF-SMT5.08/9/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 135°, Tube
1884800000	LSF-SMT5.08/9/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 135°, Tube
1885100000	LSF-SMT5.08/10/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 135°, Tube
1884810000	LSF-SMT5.08/10/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 135°, Tube
1885110000	LSF-SMT5.08/11/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 135°, Tube
1884820000	LSF-SMT5.08/11/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 135°, Tube
1885120000	LSF-SMT5.08/12/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 135°, Tube
1884830000	LSF-SMT5.08/12/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 135°, Tube
1885130000	LSF-SMT5.08/13/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 135°, Tube
1884840000	LSF-SMT5.08/13/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 135°, Tube

1885150000	LSF-SMT5.08/15/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 135°, Tube
1884860000	LSF-SMT5.08/15/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 135°, Tube
1885140000	LSF-SMT5.08/14/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 135°, Tube
1884850000	LSF-SMT5.08/14/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 135°, Tube
1885160000	LSF-SMT5.08/16/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 135°, Tube