



General ordering data

Order No.	1884720000
Part designation	LSF-SMT5.00/16/135 1.5
Version	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 16, 135°, Tube
EAN	4032248489282
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 mm
Pitch in inch	0.197 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	75 mm
L1 in inch	2.953 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.	24
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	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

Similar products

Order No.	Part designation	Version
1884340000	LSF-SMT5.00/2/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 2, 135°, Tube
1888640000	LSF-SMT5.00/2/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 2, 135°, Tape
1884530000	LSF-SMT5.00/2/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 2, 135°, Tube
1888570000	LSF-SMT5.00/2/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 2, 135°, Tape
1884370000	LSF-SMT5.00/3/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 3, 135°, Tube
1888650000	LSF-SMT5.00/3/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 3, 135°, Tape
1884540000	LSF-SMT5.00/3/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 3, 135°, Tube
1888580000	LSF-SMT5.00/3/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 3, 135°, Tape
1884380000	LSF-SMT5.00/4/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 4, 135°, Tube
1888660000	LSF-SMT5.00/4/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 4, 135°, Tape
1884550000	LSF-SMT5.00/4/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 4, 135°, Tube
1888590000	LSF-SMT5.00/4/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 4, 135°, Tape

1884390000	LSF-SMT5.00/5/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 5, 135°, Tube
1888670000	LSF-SMT5.00/5/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 5, 135°, Tape
1884560000	LSF-SMT5.00/5/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 5, 135°, Tube
1888600000	LSF-SMT5.00/5/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 5, 135°, Tape
1884400000	LSF-SMT5.00/6/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 6, 135°, Tube
1888680000	LSF-SMT5.00/6/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 6, 135°, Tape
1884570000	LSF-SMT5.00/6/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 6, 135°, Tube
1888610000	LSF-SMT5.00/6/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 6, 135°, Tape
1884410000	LSF-SMT5.00/7/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 7, 135°, Tube
1888690000	LSF-SMT5.00/7/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 7, 135°, Tape
1884580000	LSF-SMT5.00/7/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 7, 135°, Tube
1888620000	LSF-SMT5.00/7/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 7, 135°, Tape
1884420000	LSF-SMT5.00/8/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 8, 135°, Tube
1888700000	LSF-SMT5.00/8/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 8, 135°, Tape
1884590000	LSF-SMT5.00/8/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 8, 135°, Tube
1888630000	LSF-SMT5.00/8/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 8, 135°, Tape
1884430000	LSF-SMT5.00/9/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 9, 135°, Tube
1884600000	LSF-SMT5.00/9/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 9, 135°, Tube
1884440000	LSF-SMT5.00/10/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 10, 135°, Tube
1884660000	LSF-SMT5.00/10/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 10, 135°, Tube
1884450000	LSF-SMT5.00/11/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 11, 135°, Tube
1884670000	LSF-SMT5.00/11/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 11, 135°, Tube
1884460000	LSF-SMT5.00/12/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 12, 135°, Tube
1884680000	LSF-SMT5.00/12/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 12, 135°, Tube
1884470000	LSF-SMT5.00/13/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 13, 135°, Tube
1884690000	LSF-SMT5.00/13/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 13, 135°, Tube

1884500000	LSF-SMT5.00/14/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 14, 135°, Tube
1884700000	LSF-SMT5.00/14/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 14, 135°, Tube
1884510000	LSF-SMT5.00/15/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 15, 135°, Tube
1884710000	LSF-SMT5.00/15/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 15, 135°, Tube
1884520000	LSF-SMT5.00/16/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 5.00 mm, No. of poles: 16, 135°, Tube