



General ordering data

Order No.	1887170000
Part designation	LSF-SMT7.62/3/135 3.5R
Version	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 3, 135°, Tape
EAN	4032248492831
Qty.	190 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	7.62 mm
Pitch in inch	0.3 inch
No. of poles	3
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	15.24 mm
L1 in inch	0.6 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
1886180000	LSF-SMT7.62/2/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 2, 135°, Tube
1887160000	LSF-SMT7.62/2/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 2, 135°, Tape
1884950000	LSF-SMT7.62/2/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 2, 135°, Tube
1887110000	LSF-SMT7.62/2/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 2, 135°, Tape
1886190000	LSF-SMT7.62/3/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 3, 135°, Tube
1884960000	LSF-SMT7.62/3/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 3, 135°, Tube
1887120000	LSF-SMT7.62/3/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 3, 135°, Tape

1886200000	LSF-SMT7.62/4/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 4, 135°, Tube
1887180000	LSF-SMT7.62/4/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 4, 135°, Tape
1884970000	LSF-SMT7.62/4/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 4, 135°, Tube
1887130000	LSF-SMT7.62/4/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 4, 135°, Tape
1886210000	LSF-SMT7.62/5/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 5, 135°, Tube
1887190000	LSF-SMT7.62/5/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 5, 135°, Tape
1884980000	LSF-SMT7.62/5/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 5, 135°, Tube
1887140000	LSF-SMT7.62/5/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 5, 135°, Tape
1886220000	LSF-SMT7.62/6/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 6, 135°, Tube
1887200000	LSF-SMT7.62/6/135 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 6, 135°, Tape
1884990000	LSF-SMT7.62/6/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 6, 135°, Tube
1887150000	LSF-SMT7.62/6/135 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 6, 135°, Tape
1886230000	LSF-SMT7.62/7/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 7, 135°, Tube
1885000000	LSF-SMT7.62/7/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 7, 135°, Tube
1886240000	LSF-SMT7.62/8/135 3.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 8, 135°, Tube
1885010000	LSF-SMT7.62/8/135 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch: 7.62 mm, No. of poles: 8, 135°, Tube