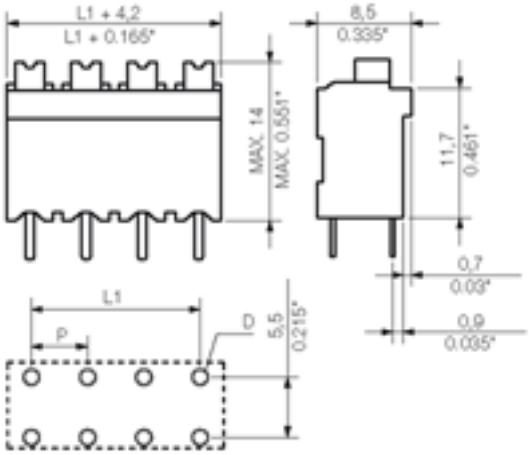




General ordering data	
Order No.	1826040000
Part designation	LSF-SMT5.08/2/180 3.5 SW
Version	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Tube
EAN	4032248328758
Qty.	59 pc(s).

System parameters	
Product family	System LS
Conductor connection system	Push In
Fitted to PCB	Reflow solder connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	2
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	5.08 mm
L1 in inch	0.2 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 mm²
Clamping range, max.	1.5 mm²
AWG, min.	24
AWG, max.	16
O.D. of conductor insulation, max.	2.9 mm
Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	1.5 mm²
Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	1.5 mm²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm²
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	0.75 mm²

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

ME25

ME25

Classifications

eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

Similar products

Order No.	Part designation	Version
1876490000	LSF-SMT5.08/2/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Tape
1870210000	LSF-SMT 5.08/2/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Tube
1876500000	LSF-SMT5.08/2/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 2, 180°, Tape
1826060000	LSF-SMT5.08/3/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Tube
1876450000	LSF-SMT5.08/3/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Tape
1870220000	LSF-SMT 5.08/3/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Tube
1876460000	LSF-SMT5.08/3/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 3, 180°, Tape
1826070000	LSF-SMT5.08/4/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Tube
1876360000	LSF-SMT5.08/4/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Tape

1870230000	LSF-SMT 5.08/4/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Tube
1876410000	LSF-SMT5.08/4/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 4, 180°, Tape
1826080000	LSF-SMT5.08/5/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Tube
1876250000	LSF-SMT5.08/5/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Tape
1870240000	LSF-SMT 5.08/5/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Tube
1876290000	LSF-SMT5.08/5/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 5, 180°, Tape
1826100000	LSF-SMT5.08/6/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Tube
1876170000	LSF-SMT5.08/6/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Tape
1870250000	LSF-SMT 5.08/6/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Tube
1876180000	LSF-SMT5.08/6/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 6, 180°, Tape
1826110000	LSF-SMT5.08/7/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Tube
1875750000	LSF-SMT5.08/7/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Tape
1870260000	LSF-SMT 5.08/7/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Tube
1876100000	LSF-SMT5.08/7/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 7, 180°, Tape
1826120000	LSF-SMT5.08/8/180 3.5 SW	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Tube
1875580000	LSF-SMT5.08/8/180 3.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Tape
1870270000	LSF-SMT 5.08/8/180 1.5	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Tube
1875610000	LSF-SMT5.08/8/180 1.5R	PCB terminal, Push In, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch: 5.08 mm, No. of poles: 8, 180°, Tape

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