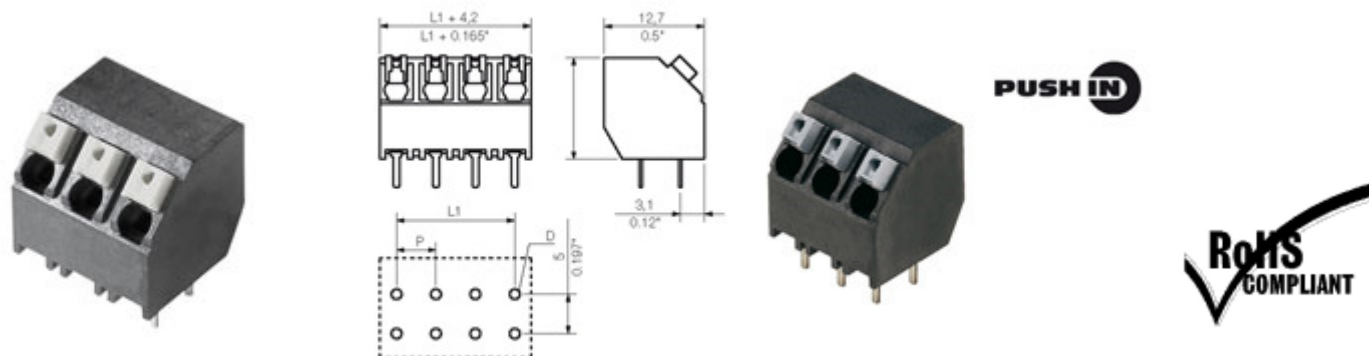


LSF-SMT 5.00/07/135 1.5SN BK TU**General ordering data****Material number**

1884580000

Part designation

LSF-SMT 5.00/07/135 1.5SN BK TU

VersionPCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm², Pitch in mm: 5 mm, No. of poles: 7, 135°, Tube**EAN**

4032248489176

Qty.

16 pc(s).

Approvals**Approvals institutes****System parameters****Product family**

System LS

Conductor connection system

PUSH IN

Fitted to PCB

Reflow solder connection

Outgoing direction of conductor

135°

Pitch in mm

5 mm

Pitch in inch

0.197 inch

No. of poles

7

Fitted by customer

Yes

No. of rows

1

Solder pin length

1.5 mm

Diameter of fixing-hole

1.1 mm

Fitting hole tolerance

+ 0,1 mm

Number of solder pins per pole

2

Stripping length

8 mm

L1 in mm

30 mm

System parameters

L1 in inch	1.181 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 57 106	Safe from finger touch

Material data

Insulating material	LCP GF
Colour	black
colour chart	Similar to RAL 9011
Flammability class UL 94	V-0
CTI	>= 175
Contact material	Copper alloy
Contact surface	tinned
Contact base material	Copper alloy
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
Conductor connection cross-section AWG, min.	AWG 24
Conductor connection cross-section AWG, max.	AWG 16
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
w. wire end ferrule, DIN 46228 pt 1, min	0.25 mm ²
with wire end ferrule, DIN 46228 pt 1, max.	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm ²
with plastic collar ferrule, DIN 46228 pt 4, max.	0.75 mm ²

DIN IEC rating data

Rated current, min. No. of poles (Tu=20°C)	17.5 A
Rated current, max. No. of poles (Tu=20°C)	17.5 A
Rated current, no. of poles (Tu=40°C), min.	17.5 A
Rated current, no. of poles (Tu=40°C), max.	15 A

DIN IEC rating data

Rated voltage for overvoltage class/pollution severity II/2	500 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage at overvoltage category/pollution degree 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 B)	300 V
Rated current (use group B)	10 A
Rated voltage (use group D)	300 V
Rated current (use group D)	10 A
Conductor connection cross-section AWG, max.	AWG 16

UL 1059 rating data

Rated voltage (use group B)	300 V
Rated current (use group B)	10 A
Rated voltage (use group D)	300 V
Rated current (use group D)	10 A
Conductor connection cross-section AWG, max.	AWG 16

Classifications

ETIM30	EC001284
eClass 5.1	27-26-11-01
eClass 6.0	27-26-11-01

Similar products

Material number	Colour	Part designation	Version	No. of poles	Solder pin length	
▶ 1884340000	black	LSF-SMT 5.00/02/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 2, 135°, Tube	2	3.5 mm	▶ 

▶ 1888640000	black	LSF-SMT 5.00/02/135 3.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 2, 135°, Tape	2	3.5 mm	▶ 
▶ 1884530000	black	LSF-SMT 5.00/02/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 2, 135°, Tube	2	1.5 mm	▶ 
▶ 1888570000	black	LSF-SMT 5.00/02/135 1.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 2, 135°, Tape	2	1.5 mm	▶ 
▶ 1884370000	black	LSF-SMT 5.00/03/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 3, 135°, Tube	3	3.5 mm	▶ 
▶ 1888650000	black	LSF-SMT 5.00/03/135 3.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 3, 135°, Tape	3	3.5 mm	▶ 
▶ 1884540000	black	LSF-SMT 5.00/03/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 3, 135°, Tube	3	1.5 mm	▶ 
▶ 1888580000	black	LSF-SMT 5.00/03/135 1.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 3, 135°, Tape	3	1.5 mm	▶ 
▶ 1884380000	black	LSF-SMT 5.00/04/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 4, 135°, Tube	4	3.5 mm	▶ 
▶ 1888660000	black	LSF-SMT 5.00/04/135 3.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 4, 135°, Tape	4	3.5 mm	▶ 
▶ 1884550000	black	LSF-SMT 5.00/04/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 4, 135°, Tube	4	1.5 mm	▶ 
▶ 1888590000	black	LSF-SMT 5.00/04/135 1.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 4, 135°, Tape	4	1.5 mm	▶ 
▶ 1884390000	black	LSF-SMT 5.00/05/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 5, 135°, Tube	5	3.5 mm	▶ 
▶ 1888670000	black	LSF-SMT 5.00/05/135 3.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 5, 135°, Tape	5	3.5 mm	▶ 
▶ 1884560000	black	LSF-SMT 5.00/05/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 5, 135°, Tube	5	1.5 mm	▶ 
▶ 1888600000	black	LSF-SMT 5.00/05/135 1.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 5, 135°, Tape	5	1.5 mm	▶ 
▶ 1884400000	black	LSF-SMT 5.00/06/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 6, 135°, Tube	6	3.5 mm	▶ 
▶ 1888680000	black	LSF-SMT 5.00/06/135 3.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 6, 135°, Tape	6	3.5 mm	▶ 
▶ 1884570000	black	LSF-SMT 5.00/06/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 6, 135°, Tube	6	1.5 mm	▶ 

▶ 1888610000	black	LSF-SMT 5.00/06/135 1.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 6, 135°, Tape	6	1.5 mm	▶ 
▶ 1884410000	black	LSF-SMT 5.00/07/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 7, 135°, Tube	7	3.5 mm	▶ 
▶ 1888690000	black	LSF-SMT 5.00/07/135 3.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 7, 135°, Tape	7	3.5 mm	▶ 
▶ 1888620000	black	LSF-SMT 5.00/07/135 1.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 7, 135°, Tape	7	1.5 mm	▶ 
▶ 1884420000	black	LSF-SMT 5.00/08/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 8, 135°, Tube	8	3.5 mm	▶ 
▶ 1888700000	black	LSF-SMT 5.00/08/135 3.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 8, 135°, Tape	8	3.5 mm	▶ 
▶ 1884590000	black	LSF-SMT 5.00/08/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 8, 135°, Tube	8	1.5 mm	▶ 
▶ 1888630000	black	LSF-SMT 5.00/08/135 1.5SN BK RL	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 8, 135°, Tape	8	1.5 mm	▶ 
▶ 1884430000	black	LSF-SMT 5.00/09/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 9, 135°, Tube	9	3.5 mm	▶ 
▶ 1884600000	black	LSF-SMT 5.00/09/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 9, 135°, Tube	9	1.5 mm	▶ 
▶ 1884440000	black	LSF-SMT 5.00/10/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 10, 135°, Tube	10	3.5 mm	▶ 
▶ 1884660000	black	LSF-SMT 5.00/10/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 10, 135°, Tube	10	1.5 mm	▶ 
▶ 1884450000	black	LSF-SMT 5.00/11/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 11, 135°, Tube	11	3.5 mm	▶ 
▶ 1884670000	black	LSF-SMT 5.00/11/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 11, 135°, Tube	11	1.5 mm	▶ 
▶ 1884460000	black	LSF-SMT 5.00/12/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 12, 135°, Tube	12	3.5 mm	▶ 
▶ 1884680000	black	LSF-SMT 5.00/12/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 12, 135°, Tube	12	1.5 mm	▶ 
▶ 1884470000	black	LSF-SMT 5.00/13/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 13, 135°, Tube	13	3.5 mm	▶ 
▶ 1884690000	black	LSF-SMT 5.00/13/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 13, 135°, Tube	13	1.5 mm	▶ 

▶ 1884500000	black	LSF-SMT 5.00/14/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 14, 135°, Tube	14	3.5 mm	▶ 
▶ 1884700000	black	LSF-SMT 5.00/14/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 14, 135°, Tube	14	1.5 mm	▶ 
▶ 1884510000	black	LSF-SMT 5.00/15/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 15, 135°, Tube	15	3.5 mm	▶ 
▶ 1884710000	black	LSF-SMT 5.00/15/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 15, 135°, Tube	15	1.5 mm	▶ 
▶ 1884520000	black	LSF-SMT 5.00/16/135 3.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 16, 135°, Tube	16	3.5 mm	▶ 
▶ 1884720000	black	LSF-SMT 5.00/16/135 1.5SN BK TU	PCB terminal, PUSH IN, Reflow solder connection, Clamping range, max.: 1.5 mm ² , Pitch in mm: 5 mm, No. of poles: 16, 135°, Tube	16	1.5 mm	▶ 

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