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Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

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Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-2083 www.weidmueller.com



PCB terminal for fully automatic assembly in reflow soldering (SMT), with PUSH IN conductor connection system.
Conductor inserted and slider operated in same direction (TOP). Packed in box or as tape on reel. Pin lengths optimised at 1.5 mm or 3.5 mm. Conductor outlet direction 90°.
0.20 - 1.5 mm² (IEC) / 24 - 16 AWG (UL)

- 320 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	<u>1885710000</u>
Part designation	LSF-SMT 3.50/08/135 3.5SN BK TU
Version	PCB terminal, 3.50 mm, No. of poles: 8, 135°,
	Solder pin length: 3.5 mm, tinned, black, PUSH
	IN, Clamping range, max.: 1.5 mm ² , Tube
GTIN (EAN)	4032248490622
Qty.	19 pc(s).
Packaging	Tube

Technical data



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System	parameters
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Product family	System LSF	Conductor connection system	PUSH IN
Fitted to PCB	Reflow solder connection	Outgoing direction of conductor	135°
Pitch in mm	3.5 mm	Pitch in inch	0.138 inch
No. of poles	8	Fitted by customer	No
No. of rows	1	Solder pin length	3.5 mm
Diameter of solder eyelet		Tolerance of the diameter of the solder	
	1.1 mm	eyelet	+ 0,1 mm
Number of solder pins per pole	2	Stripping length	8 mm
L1 in mm	24.5 mm	L1 in inch	0.965 inch
Electric shock protection to DIN VDE 0470 IP 20		Electric shock protection to DIN VDE 57 1	06 Safe from finger touch

Material data

Insulating material	LCP GF	Colour	black
Flammability class UL 94	V-0	СТІ	≥ 175
Contact material	Copper alloy	Contact surface	tinned
Contact base material	Copper alloy		

Connectable conductors

Clamping range, min.	0.13 mm²	Clamping range, max.	1.5 mm²
Conductor connection cross-section AWG,		Conductor connection cross-section AWG,	
min.	AWG 24	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 mm²
w. wire end ferrule, DIN 46228 pt 1, min	0.25 mm ²	with wire end ferrule, DIN 46228 pt 1, max.	1.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, m	in.	with plastic collar ferrule, DIN 46228 pt 4,	
	0.25 mm²	max.	0.75 mm²

DIN IEC rating data

Rated current, min. No. of poles (Tu=20°C) 17.5 A		Rated current, max. No. of poles (Tu=20°	Rated current, max. No. of poles (Tu=20°C) 16 A	
Rated current, no. of poles (Tu=40°C), mi	n. 17.5 A	Rated current, no. of poles (Tu=40°C), ma	Rated current, no. of poles (Tu=40°C), max. 14 A	
Rated voltage for overvoltage class/pollution		Rated voltage for overvoltage class/pollut	Rated voltage for overvoltage class/pollution	
severity II/2	320 V	severity III/2	160 V	
Rated voltage at overvoltage category/		Rated impulse withstand voltage for		
pollution degree III/3	160 V	overvoltage class/pollution severity II/2	2.5 kV	
Rated impulse withstand voltage for		Rated impulse withstand voltage for		
overvoltage class/pollution severity III/2	2.5 kV	overvoltage class/pollution severity III/3	2.5 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	
Wire cross-section, AWG, min.	AWG 24	Wire cross-section, AWG, max.	AWG 16	

UL 1059 rating data

Rated voltage (use group B)	300 V	Rated current (use group B)	12 A	
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A	
Wire cross-section, AWG, min.	AWG 24	Wire cross-section, AWG, max.	AWG 16	

Technical data

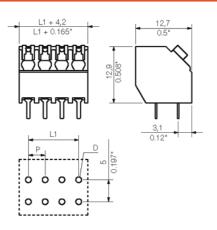


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Approvals			
Approvals institutes	CSA; CURUS; GOSTM ROHS	IE25;	
Classifications			
ETIM 3.0	EC001284	eClass 5.1	27-26-11-01
eClass 6.0	27-26-11-01		
Notes			
Notes	 Wire end ferrule without The data given under P on drg. = pitch Diameter of solder ey Operating force of slide Rated data refer only to be designed in account 	to rated cross-section and min. No. of but plastic collar to DIN 46228 pt 1 CSA relates to a cUL approval - E606 elet D = 1.1+0.1 mm ler max. 40 N to the component itself. Clearance and dance with the relevant application sta	93 d creepage distances to other components are

Drawings





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