imall

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.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

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Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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.

- 0.20 1.5 mm² (IEC) / 24 16 AWG (UL)
- 500 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

Order No.	<u>1884400000</u>
Part designation	LSF-SMT 5.00/06/135 3.5SN BK TU
Version	PCB terminal, 5.00 mm, No. of poles: 6, 135°, Solder pin length: 3.5 mm, tinned, black, PUSH IN, Clamping range, max.: 1.5 mm², Tube
GTIN (EAN)	4032248488872
Qty.	18 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	5 mm	Pitch in inch	0.197 inch
No. of poles	6	Fitted by customer	Yes
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	25 mm	L1 in inch	0.984 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
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 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, 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) 17.5 A	
Rated current, no. of poles (Tu=40°C), m	in. 17.5 A	Rated current, no. of poles (Tu=40°C), ma	Rated current, no. of poles (Tu=40°C), max. 15 A	
Rated voltage for overvoltage class/pollution		Rated voltage for overvoltage class/pollut	Rated voltage for overvoltage class/pollution	
severity II/2	500 V	severity III/2	320 V	
Rated voltage at overvoltage category/		Rated impulse withstand voltage for		
pollution degree III/3	250 V	overvoltage class/pollution severity II/2	4 kV	
Rated impulse withstand voltage for		Rated impulse withstand voltage for		
overvoltage class/pollution severity III/2	4 kV	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	
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

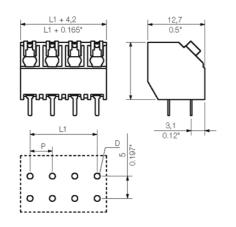


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Approvals			
Approvals institutes	CSA; CURUS; GOSTME ROHS	225;	
Classifications			
ETIM 3.0 eClass 6.0	EC001284 27-26-11-01	eClass 5.1	27-26-11-01
Notes			
Notes	 Wire end ferrule withou The data given under 0 P on drg. = pitch Diameter of solder eye Operating force of slide Rated data refer only to to be designed in accord 	o rated cross-section and min. No. of it plastic collar to DIN 46228 pt 1 CSA relates to a cUL approval - E606 let D = 1.1+0.1 mm er max. 40 N to the component itself. Clearance and lance with the relevant application sta	93 d creepage distances to other components are

Drawings





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