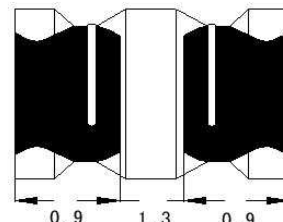
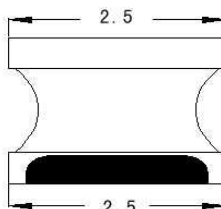
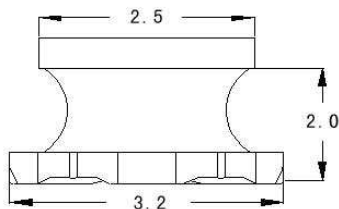


# SMD Power Inductors SFE322520 Series

SFE322520 series consists of miniature chip inductors wire wound on a special ferrite core

1. High Q value at high frequencies and low DC resistance
2. Wide inductance range from 1.0 to 2200 micro H



UNIT: mm

PART NO	L(uH)	DCR max (mΩ)	IDC max (A)	TEST FREQ. (Hz)
SFE322520-R27N-R-S-LF	0.27	250	0.6	1M/0.25V
SFE322520-R39N-R-S-LF	0.39	250	0.53	1M/0.25V
SFE322520-R56N-R-S-LF	0.56	250	0.53	1M/0.25V
SFE322520-R68N-R-S-LF	0.68	250	0.47	1M/0.25V
SFE322520-R82N-R-S-LF	0.82	250	0.45	1M/0.25V
SFE322520-1R0N-R-S-LF	1	500	0.445	1M/0.25V
SFE322520-1R2N-R-S-LF	1.2	600	0.425	1M/0.25V
SFE322520-1R5N-R-S-LF	1.5	600	0.4	1M/0.25V
SFE322520-1R8N-R-S-LF	1.8	700	0.39	1M/0.25V
SFE322520-2R2N-R-S-LF	2.2	800	0.37	1M/0.25V
SFE322520-2R7N-R-S-LF	2.7	900	0.32	1M/0.25V
SFE322520-3R3N-R-S-LF	3.3	1000	0.3	1M/0.25V
SFE322520-3R9N-R-S-LF	3.9	1100	0.29	1M/0.25V
SFE322520-4R7N-R-S-LF	4.7	1200	0.27	1M/0.25V
SFE322520-5R6N-R-S-LF	5.6	1300	0.25	1M/0.25V
SFE322520-6R8N-R-S-LF	6.8	1500	0.24	1M/0.25V
SFE322520-8R2N-R-S-LF	8.2	1600	0.225	1M/0.25V
SFE322520-100K-R-S-LF	10	1800	0.19	1M/0.25V
SFE322520-120K-R-S-LF	12	2000	0.18	1M/0.25V
SFE322520-150K-R-S-LF	15	2200	0.17	1M/0.25V
SFE322520-180K-R-S-LF	18	2500	0.165	1M/0.25V
SFE322520-220M-R-S-LF	22	2800	0.15	1M/0.25V
SFE322520-270K-R-S-LF	27	3100	0.125	1M/0.25V
SFE322520-330K-R-S-LF	33	3500	0.115	1M/0.25V
SFE322520-390K-R-S-LF	39	3900	0.11	1M/0.25V
SFE322520-470K-R-S-LF	47	4300	0.1	1M/0.25V
SFE322520-560K-R-S-LF	56	4900	0.085	1M/0.25V
SFE322520-680K-R-S-LF	68	5500	0.08	1M/0.25V
SFE322520-820K-R-S-LF	82	6200	0.08	1M/0.25V
SFE322520-101K-R-S-LF	100	7000	0.08	1M/0.25V
SFE322520-121K-R-S-LF	120	8000	0.075	1M/0.25V
SFE322520-151K-R-S-LF	150	9300	0.07	1M/0.25V
SFE322520-181K-R-S-LF	180	10200	0.065	1M/0.25V
SFE322520-221K-R-S-LF	220	11800	0.065	1M/0.25V
SFE322520-271K-R-S-LF	270	12500	0.065	1M/0.25V
SFE322520-331K-R-S-LF	330	13000	0.065	1M/0.25V
SFE322520-391K-R-S-LF	390	22000	0.065	1M/0.25V
SFE322520-471K-R-S-LF	470	25000	0.05	1M/0.25V
SFE322520-561K-R-S-LF	560	28000	0.045	1M/0.25V

1. Inductance tested at 100KHz, 0.1V;
2. Inductance drop = 10% typ. at rated Isat;
3.  $\Delta T = 40^\circ C$  rise typ. at Irms;
4. Operating temperature range  $-40^\circ C$  to  $+125^\circ C$ ;
5. Electrical specifications at  $+25^\circ C$ ;

Packing :  
Reel size: 8 mm  
Quantity: 2000PCS/Reel

Special inquiries besides the above common used types can be met on your requirement.

## FENFA ELECTRONICS LTD.

Address: Rm 621, 6/F., Shing Yip Industrial Building,  
19-21 Shing Yip Street, Kwun Tong, Hong Kong  
Tel: (852) 2372 0880, Fax: (852) 2372 0131  
E-mail: sales@coilsfenfa.com

<http://www.coilsfenfa.com>  
[fenfa@coilsfenfa.com](mailto:fenfa@coilsfenfa.com)

## FENFA ELECTRONICS (DONGGUAN) CO., LTD.

Address: Xiakeng Industrial District, Changping Town,  
Dongguan City, Guangdong, China  
Tel: 86-769-86291668 Fax: 86-769-83999028  
Hot line: 86-769-89112128 E-mail: fenfa@coilsfenfa.com