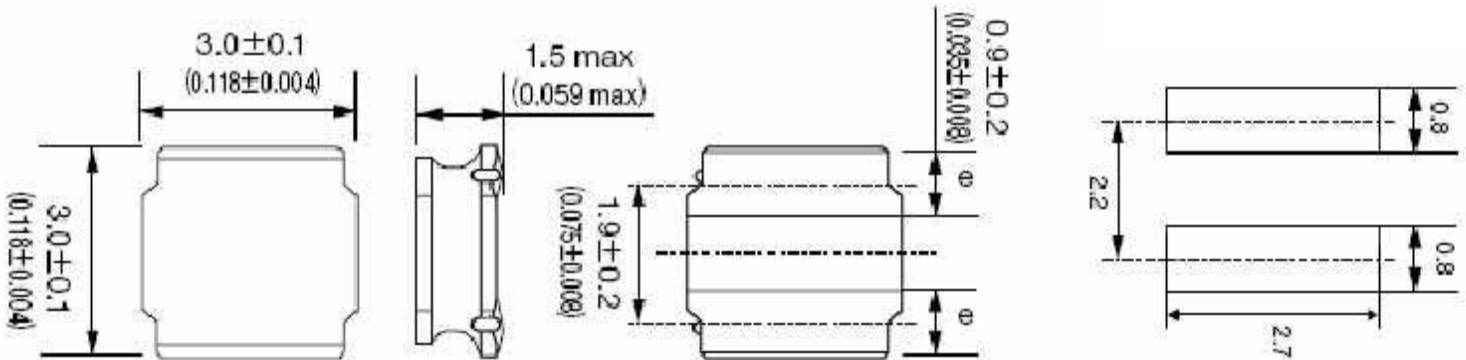


SMD Power Inductors SFE3015C Series

SFE3015C Series ,Small and low profile inductor.It corresponds to High current.Simple and original magnetic shield structure. Structure strong against a shock-proof.

Mainly used For small DC/DC converter (cellular phone ,HDD, DVC, DSC,PDA,LCD display rtc).



1. Inductance tested at 100KHz, 0.1V;
2. SRF > 13MHz measured using Agilent / HP8753D network Analyzer;
3. Inductance drop = 10% typ. at rated Isat;
4. $\Delta T = 40^\circ\text{C}$ rise typ. at Irms;
5. Operating temperature range -40°C to $+125^\circ\text{C}$;
6. Electrical specifications at $+25^\circ\text{C}$;

PART NO	L(μH)	DCR max ($\text{m}\Omega$)	IDC max (A)	TEST FREQ. (Hz)
SFE3015C-1R0N-R-S-LF	$1 \pm 30\%$	30.0	2.10	100K/0.25V
SFE3015C-1R5N-R-S-LF	$1.5 \pm 30\%$	40.0	1.80	100K/0.25V
SFE3015C-2R2M-R-S-LF	2.2	60.0	1.48	100K/0.25V
SFE3015C-3R3M-R-S-LF	3.3	80.0	1.21	100K/0.25V
SFE3015C-4R7M-R-S-LF	4.7	120.0	1.02	100K/0.25V
SFE3015C-6R8M-R-S-LF	6.8	160.0	0.87	100K/0.25V
SFE3015C-100M-R-S-LF	10.0	230.0	0.70	100K/0.25V
SFE3015C-150M-R-S-LF	15.0	360.0	0.56	100K/0.25V
SFE3015C-220M-R-S-LF	22.0	520.0	0.47	100K/0.25V
SFE3015C-330M-R-S-LF	33.0	840.0	0.39	100K/0.25V
SFE3015C-470M-R-S-LF	47.0	1340.0	0.32	100K/0.25V

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

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