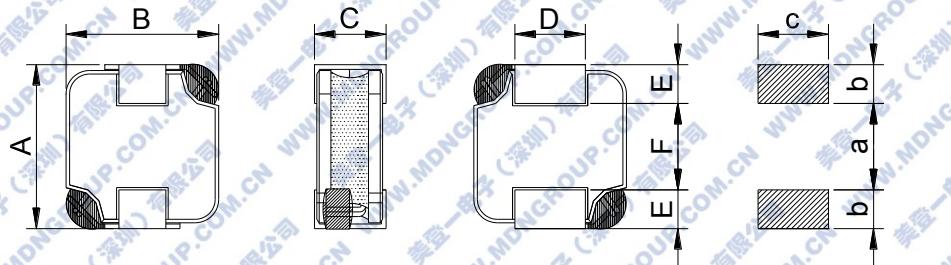


SMD INDUCTORS FOR POWER CIRCUITS 贴片功率电感**SPL 系列****FEATURES**

- Fe base metal material core provides large saturation current, Super low resistance with high current rating and high energy storage.
- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels.

APPLICATIONS

- Power supply choke for iPad, Notebooks, portable game devices, personal navigation systems, multimedia devices.

DIMENSIONS AND LAND PATTERNS(mm) AND SHAPES

TYPE	A ± 0.3	B ± 0.3	C max	D ± 0.3	E ± 0.3	F ± 0.2	a Ref	b Ref	c Ref
SPL6530H-	7.1	6.5	3.5	3.2	1.55	3.8	3.7	1.85	3.4

SPL6530H-SERIES

P/N	L(uH)@1MHz	DCR(Ω)@20°C		Isat(A)DC saturation current		Irms(A)Heat rating current	
	±20%	Max	Typ	Max	Typ	Max	Typ
R47M	0.47	0.008	0.005	16.5	22.5	11.0	15.50
R68M	0.68	0.010	0.007	12.8	18.0	9.50	13.45
1R0M	1.0	0.012	0.008	9.5	13.0	9.50	13.45
1R5M	1.5	0.014	0.012	8.0	11.5	6.00	8.50
2R2M	2.2	0.018	0.015	6.5	8.60	5.65	8.00
3R3M	3.3	0.030	0.020	4.6	6.60	4.60	7.00
4R7M	4.7	0.045	0.036	3.8	5.30	3.80	5.40
6R8M	6.8	0.065	0.054	3.2	4.50	3.20	4.50
100M	10	0.078	0.066	3.0	4.45	3.00	4.20
220M	22	0.180	0.148	1.7	2.40	2.00	2.80

Remark : DC saturation current: Value of inductance decrease within 30%.

Heat rating current: A rise in temperature of core surface is within 40°C.