

SMD INDUCTORS FOR POWER CIRCUITS 贴片功率电感

WPL 系列

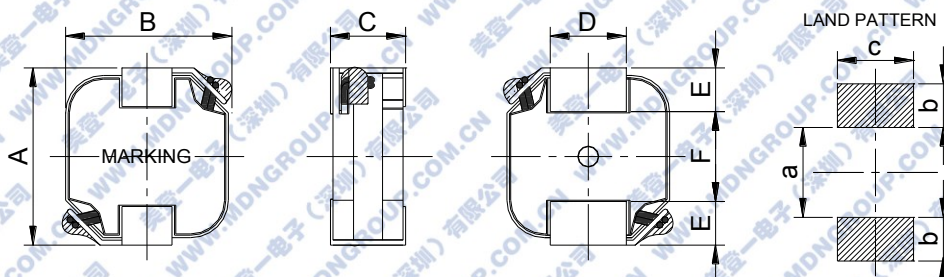
FEATURES

- With magnetic shield against radiation.
- 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.
- Suitable for surface mount equipment.

APPLICATIONS

- Power supply choke for smart phone, small electrical equipments such as VTR, LCD display, Note book, communication equipment, LED lighting, automotive system, OA equipments, Mother board, display card, sound card; Power supply or MP3, MP4, MP5, PDA, IPAD, DC-DC converter, DC-AC inverters etc.

DIMENSIONS & LAND PATTERNS(mm) AND SHAPES



TYPE	A \pm 0.2	B \pm 0.2	C(Max)	D \pm 0.2	E \pm 0.2	F \pm 0.2	a(Ref)	b(Ref)	c(Ref)
WPL6530H-	7.1	6.5	3.0	3.2	1.55	3.8	3.7	1.85	3.4

SPECIFICATION

P/N	L(μ H)	DCR(Ω)		Isat(A)		I _{rms} (A)	
	\pm 20%	Max	Typ	Max	Typ	Max	Typ
R47M	0.47	6.6	5.5	16.5	22.5	11	15.5
R68M	0.68	8.7	7.3	12.8	18.0	9.5	13.5
1R0M	1.0	10.0	8.2	9.5	13.0	8.5	12.3
1R5M	1.5	13.8	11.5	8.0	11.5	6.0	8.5
2R2M	2.2	18.0	15.0	6.5	8.6	5.6	8.0
3R3M	3.3	30.5	20.5	4.6	6.6	4.6	7.0
4R7M	4.7	43.5	36.5	3.8	5.3	3.8	5.4
6R8M	6.8	64.0	53.5	3.2	4.5	3.2	4.5
100M	10	77.4	65.4	3.0	4.4	3.0	4.2
220M	22	177.0	148.0	1.7	2.4	2.0	2.8

特 征

- 磁屏蔽结构，防止高频辐射干扰；
- 采用金属铁磁芯，具有更高的饱和电流；
- 超低的直流电阻及高额定电流和高能量储存；
- 导磁胶水涂覆结构极大减少了蜂鸣声；
- 适合表面贴装。

用 途

- 智能手机、录像机、液晶显示器、笔记本电脑、通讯设备、汽车产品、LED 照明、电脑主机板、声卡、显卡、办公自动化设备的电源扼流；MP3、MP4、MP5、PDA、IPAD，直流-直流整流器，直流-交流换流器等的电源供应器。