

FEATURES

- With magnetic shield against radiation.
- Super low resistance with high current rating and high energy storage.
- Suitable for surface mount equipment.

特 征

- 磁屏蔽结构，防止高频辐射干扰；
- 超低的直流电阻及高额定电流和高能量储存；
- 适合表面贴装。

APPLICATIONS

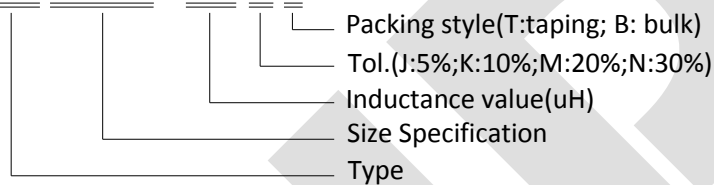
- Power supply choke for small electrical equipments such as VTR,LCD display, Note book, communication equipment , OA equipments , Mother board , display card ,sound card; Power supply or MP3, MP4 , MP5,PDA ,IPAD,IPHONE, DC-DC converter DC –AC inverters etc.

用 途

- 录像机、液晶显示器、笔记本电脑、通讯设备、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、IPHONE,直流-直流整流器，直流-交流换流器等的电源供应器。

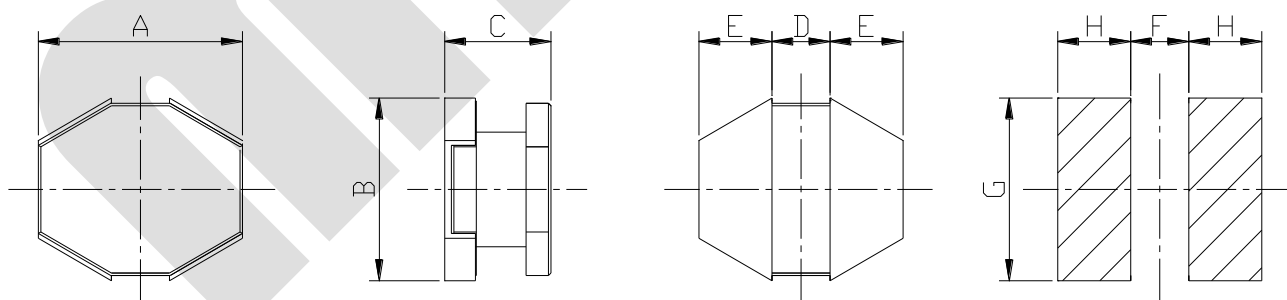
ORDERING CODE

SDB 252012 - 100 M T



SHAPE

DIMENSIONS AND LAND PATTERNS(mm)



TYPE	A(Max)	B(Max)	C(Max)	D(Ref)	E(Ref)	F(Ref)	G(Ref)	H(Ref)
SDB252012-	2.70	2.30	1.30	0.7	0.90	0.50	2.30	1.20
SDB252015-	2.70	2.30	1.60	0.7	0.90	0.50	2.30	1.20

SDB252012-SERIES

P/N	L(uH) Inductance	Inductance Tolerance	DCR(Ω) DC Resistance	Test Freq. MHz	Isat(A) Inductance decrease current	Idc(A) Temperature rise current
			Max		Max	Typ.
R47N	0.47	±30%	0.056	1.0	2.75	2.20
1R0N	1.0	±30%	0.088	1.0	2.20	1.70
1R5N	1.5	±30%	0.125	1.0	1.80	1.45
2R2M	2.2	±20%	0.155	1.0	1.55	1.30
3R3M	3.3	±20%	0.270	1.0	1.25	0.98
4R7M	4.7	±20%	0.410	1.0	1.05	0.80
6R8M	6.8	±20%	0.610	1.0	0.85	0.65
100M	10.0	±20%	0.760	1.0	0.75	0.60

SDB252015-SERIES

P/N	L(uH) Inductance	Inductance Tolerance	DCR(Ω) DC Resistance	Test Freq. MHz	Isat(A) Inductance decrease current	Idc(A) Temperature rise current
			Max		Max	Typ.
1R0N	1.0	±30%	0.082	1.0	1.95	1.75
1R5N	1.5	±30%	0.120	1.0	1.75	1.50
2R2M	2.2	±20%	0.160	1.0	1.50	1.30
3R3M	3.3	±20%	0.220	1.0	1.20	1.05
4R7M	4.7	±20%	0.318	1.0	1.00	0.90
6R8M	6.8	±20%	0.480	1.0	0.85	0.75
100M	10.0	±20%	0.588	1.0	0.72	0.65

Remark : Inductance decrease current: Value of inductance decrease within 30%.

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