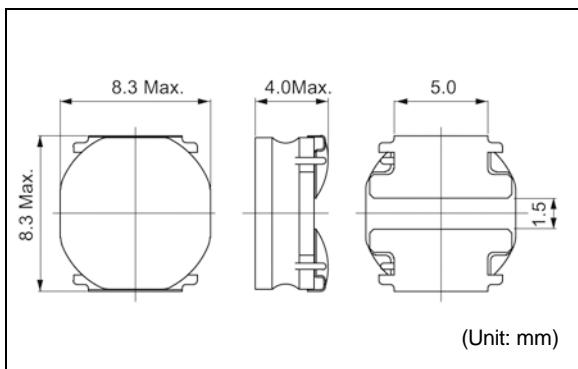


DG8040C

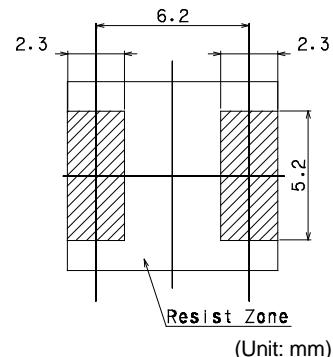
RoHS

REACH

Inductance Range: 1.0~100 μ H



Recommended patterns
推荐焊盘尺寸



FEATURES 特点

- Low Profile (H=4.0mm Max).
- Magnetic Shield.
- Ideal for a variety of DC-DC converter inductor applications.
- Operating temperature range : -40~+85°C
- 小型薄型构造 (高度4.0mm max.)
- 闭磁路构造
- 最适用于各种设备的DC-DC Converter 中
- 使用温度范围: -40~+85°C

STANDARD PART NUMBERS 标准零件号码

TYPE DG8040C (Quantity/reel; 1000 PCS)

零件号码	电感值	公差	测试频率	最大直流电阻(典型)	最大允许直流电流(典型)
Part Number	Inductance L(μ H)	Tolerance (%)	Test Frequency (kHz)	DC Resistance (m Ω) Max. (Typ.)	Rated DC Current (A) Max. (Typ.)
1267AY-1R0N=P3	1.0	± 30	100	8.4 (7)	10.4 (13.8)
1267AY-1R5N=P3	1.5	± 30	100	10.8 (9)	8.2 (10.9)
1267AY-2R2N=P3	2.2	± 30	100	13.2 (11)	7.4 (9.8)
1267AY-3R3N=P3	3.3	± 30	100	15.6 (13)	6.1 (8.1)
1267AY-4R7N=P3	4.7	± 30	100	20.4 (17)	5.1 (6.8)
1267AY-6R8N=P3	6.8	± 30	100	26.4 (22)	4.0 (5.3)
1267AY-100M=P3	10	± 20	100	39.6 (33)	3.3 (4.5)
1267AY-150M=P3	15	± 20	100	58.8 (49)	2.6 (3.5)
1267AY-220M=P3	22	± 20	100	74.4 (62)	2.3 (3.0)
1267AY-330M=P3	33	± 20	100	120.0 (100)	1.9 (2.5)
1267AY-470M=P3	47	± 20	100	168.0 (140)	1.6 (2.1)
1267AY-680M=P3	68	± 20	100	240.0 (200)	1.3 (1.7)
1267AY-101M=P3	100	± 20	100	336.0 (280)	1.1 (1.4)

- (1) Inductance is measured with a LCR meter 4284A (Agilent Technologies) or equivalent.
Test frequency at 100kHz
- (2) DC resistance is measured with 34420A (Agilent Technologies) or 3541(HIOKI). (Reference ambient temperature 25°C)
- (3) Maximum allowable DC current is that which causes a 30% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)

- (1) LCR仪表4284A (Agilent技术)或者功能相同的仪器在100kHz下测试电感值。
- (2) 通过数码万用表34420A (Agilent技术) 或者3541(HIOKI)测试直流电阻。 (环境温度为25°C)
- (3) 允许最大直流电的范围是以下两者中比较小的一个：引起电感值从最初值降低30%，或者线圈温度升高40°C。
(参考周围环境温度20°C)。