

■特征 / Features

- 闭磁路 小型低背功率电感
Shielded, small foot print and low profile power inductors.
4.0mm × 4.0mm(Typ) × h1.2mm(Max)
- 闭磁路结构 低噪音, 少漏磁
Low noise and flux by closed magnetic path structure.

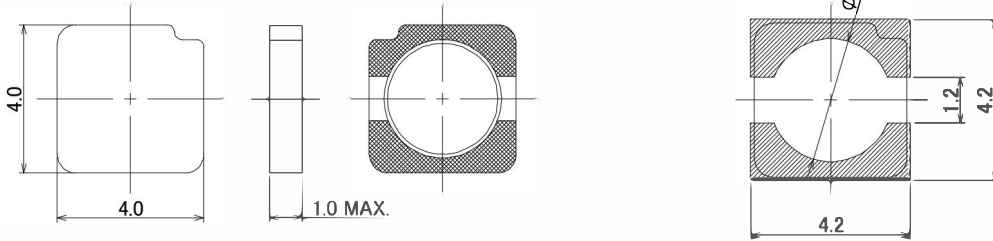
■应用 / Applications

- 手机, 液晶显示屏等
DC/DC转换器用
DC/DC converters for
Cellular phones, LCD Panel and others.

■外形尺寸·焊盘模式 / Dimensions·Land Pattern

(Unit : mm)

Recommended Land Pattern (Unit : mm)



■规格 / Specifications

系列 Series	品名型号 Part number	电感量 Inductance *(1)	直流阻抗 Rdc [Ω] DC resistance *(2)	额定电流 Idc1 / Idc2 [A] Rated current *(3)	使用温度范围 Ta [°C] Operating temperature range *(4)
MIB4010-W	MIB4010M-1R0W	1.0 ± 50%	0.045	2.95 / 2.59	-40°C ~ 125°C
	MIB4010M-1R8W	1.8 ± 30%	0.065	2.23 / 2.07	
	MIB4010M-3R3W	3.3 ± 20%	0.12	1.53 / 1.48	
	MIB4010M-4R7W	4.7 ± 20%	0.15	1.28 / 1.33	
	MIB4010M-6R8W	6.8 ± 20%	0.20	1.11 / 1.11	
	MIB4010M-100W	10.0 ± 20%	0.28	0.92 / 0.94	
	MIB4010M-150W	15.0 ± 20%	0.47	0.73 / 0.71	
	MIB4010M-220W	22.0 ± 20%	0.71	0.58 / 0.61	

(1) Ta=25°C, Idc=0A (2) Ta=25°C

*Note: (3) Idc1: 电感变化率 Inductance change ratio $|\Delta L/L| \leq 30\%$, Idc2: 温度上升 Temperature rise $\Delta T \leq 40^\circ\text{C}$

(4) 包括自温上升 Including self temperature rise

(代表值/Typical)

■直流叠加特性 / DC bias current characteristics

