

# HA 系列功率電感 HA Series SMD Power Inductors



- 特征 FEATURES

- 超薄
  - 屏蔽結構
  - 適合于表面貼裝
  - Low profile.
  - Magnetic shielded.
  - SMT type.

### • 應用 APPLICATIONS

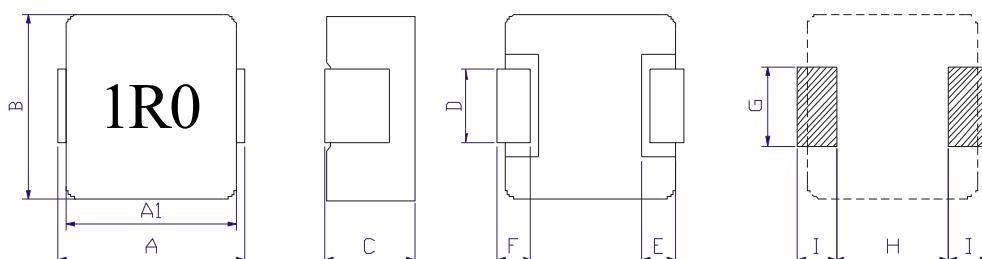
- 移動通信
  - 筆記本電腦
  - DC/DC轉換
  - Portable communication equipment
  - Notebook computer
  - DC/DC converters

#### • 產品規格型號的表示方法 ORDERING CODE

$$\frac{\text{HA}}{(1)} - \frac{63}{(2)} = \frac{\text{R}33}{(3)} \quad \frac{\text{M}}{(4)} \quad \frac{\text{T}}{(5)}$$

①	②	③	④	⑤					
產品代號 Product Code		規格尺寸(L×W×T) (mm) Dimensions		感量(μ H) Inductance		誤差 Tolerance		包裝方式 Packaging Style	
HA	HA系列 功率電感	63	6.85×6.5×3.0	R33	0.33 μ H	K	±10%	T	卷帶盤裝 Tape & Reel
		65	6.85×6.5×5.0	1R0	1.00 μ H	M	±20%	B	散裝 Bulk
		125	13.2×12.6×5.0	100	10.0 μ H				

## • 外形尺寸 SHAPE AND DIMENSIONS



Part No .	A	B	C	E	F
HA63	$7.0 \pm 0.3$	$6.5 \pm 0.3$	3.0 MAX	1.2	2.2
HA65	$7.0 \pm 0.3$	$6.5 \pm 0.3$	5.0 MAX	1.2	2.2
HA125	$13.5 \pm 0.4$	$12.6 \pm 0.3$	5.0 MAX	3.0	5.8

**HA系列功率電感**  
HA Series SMD Power Inductors

• 電性能參數 ELECTRICAL CHARACTERISTICS

HA63 Series

型號 Part Number	電感量 L(μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)Max	Isat(A)
HA63-R33MT	0.33	± 20%	100kHz	0.0039	30.0
HA63-R47MT	0.47	± 20%	100kHz	0.0026	26.0
HA63-R68MT	0.68	± 20%	100kHz	0.0055	25.0
HA63-1R0MT	1.00	± 20%	100kHz	0.0140	22.0
HA63-1R5MT	1.50	± 20%	100kHz	0.0200	18.0
HA63-2R2MT	2.2	± 20%	100kHz	0.0260	14.0
HA63-3R3MT	3.3	± 20%	100kHz	0.0534	13.5
HA63-4R7MT	4.7	± 20%	100kHz	0.0593	10.0

Isat: 齋和電流，加Isat時，電感值相對初始值下降 < 20%

Isat: Saturation Current, the current when the inductance becomes 20% lower than its initial value.

HA65 Series

型號 Part Number	電感量 L(μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)Max	Isat(A)
HA65-R36MT	0.36	± 20%	100kHz	0.0035	25.0
HA65-R40MT	0.40	± 20%	100kHz	0.0035	23.0
HA65-R56MT	0.56	± 20%	100kHz	0.0036	18.0
HA65-R68MT	0.68	± 20%	100kHz	0.0042	16.0
HA65-1R0MT	1.00	± 20%	100kHz	0.0065	15.0
HA65-1R2MT	1.2	± 20%	100kHz	0.0075	13.0
HA65-1R5MT	1.5	± 20%	100kHz	0.0075	12.0
HA65-2R2MT	2.2	± 20%	100kHz	0.0136	12.0
HA65-3R3MT	3.3	± 20%	100kHz	0.0209	9.0
HA65-4R7MT	4.7	± 20%	100kHz	0.0303	7.0
HA65-5R6MT	5.6	± 20%	100kHz	0.0343	7.0

Isat: 齋和電流，加Isat時，電感值相對初始值下降 < 20%

Isat: Saturation Current, the current when the inductance becomes 20% lower than its initial value.

HA125 Series

型號 Part Number	電感量 L(μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)Max	Isat(A)
HA125-R47MT	0.47	± 20%	100kHz	0.0013	65
HA125-R56MT	0.56	± 20%	100kHz	0.0015	55
HA125-R68MT	0.68	± 20%	100kHz	0.0017	54
HA125-R82MT	0.82	± 20%	100kHz	0.00175	53
HA125-1R0MT	1.00	± 20%	100kHz	0.0025	50
HA125-1R5MT	1.50	± 20%	100kHz	0.0030	48

Isat: 齋和電流，加Isat時，電感值相對初始值下降 < 20%

Isat: Saturation Current, the current when the inductance becomes 20% lower than its initial value.