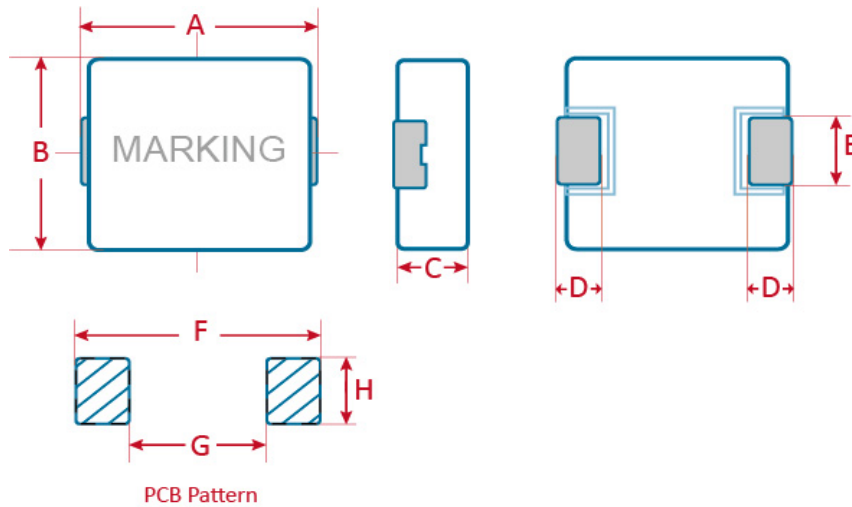


SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G	H
SAR5030-M	5.7 ± 0.2	5.4 ± 0.35	3.0 Max.	1.5 ± 0.3	2.0 ± 0.3	6.0 Typ.	2.2 Typ.	2.5 Typ.

印字Marking：印字顏色因生產設備而有所差異

SAR5030-M

Part No.	L(μH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR5030MTR22-M	0.22	5.0	21	15.5	±20%
SAR5030MTR33-M	0.33	7.0	15	10	±20%
SAR5030MTR47-M	0.47	8.0	14	10	±20%
SAR5030MTR56-M	0.56	10	14	9.0	±20%
SAR5030MTR68-M	0.68	12	14	8.0	±20%
SAR5030MTR82-M	0.82	13	12	7.5	±20%
SAR5030MT1R0-M	1.0	15	11	7.0	±20%
SAR5030MT1R2-M	1.2	16	11	6.5	±20%
SAR5030MT1R5-M	1.5	25	10	6.0	±20%
SAR5030MT2R2-M	2.2	35	8.0	5.0	±20%
SAR5030MT3R3-M	3.3	46	7.0	4.5	±20%
SAR5030MT4R7-M	4.7	60	6.0	4.0	±20%
SAR5030MT5R6-M	5.6	65	4.5	4.0	±20%
SAR5030MT6R8-M	6.8	110	5.0	3.0	±20%
SAR5030MT8R2-M	8.2	110	4.5	2.8	±20%
SAR5030MT100-M	10	126	4.5	2.5	±20%
SAR5030MT150-M	15	180	2.5	2.1	±20%
SAR5030MT220-M	22	270	2.0	2.0	±20%

SPECIFICATION FOR APPROVED 樣品承認書

HT 宏信科技股份有限公司
HT-TECH CORPORATION

2022
NEW

Ordering information

SAR - 5030 - MT - R22

(1) (2) (3)(4) (5)

- (1) Type : High Power Inductor
- (2) Size : 5030 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : R47 for 0.47uH,1R0 for 1.0uH,2R2 for 2.2uH...

Characteristics

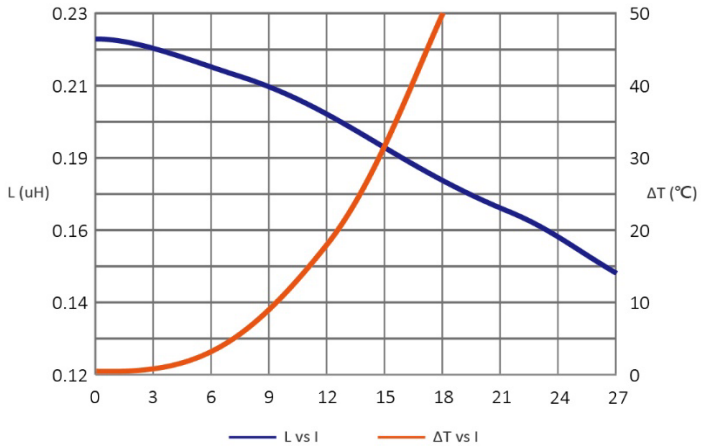
- All test data is referred to 25°C ambient.
- Isat : DC current (A) that will cause Lo to drop approximately 30% (Typical)
- Irms : DC current (A)that will cause an approximate ΔT of 40°C (Typical)
- Operating temperature range : -40°C to +125°C

註： Absolute maximum voltage 30VDC

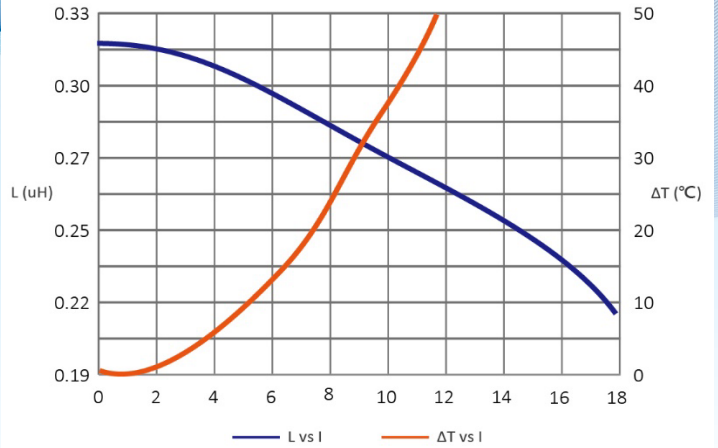
Test equipment

- Test Frequency : 100KHz ,1.0 Vrms.
- L :HP 4284A
- DCR : TH2512B

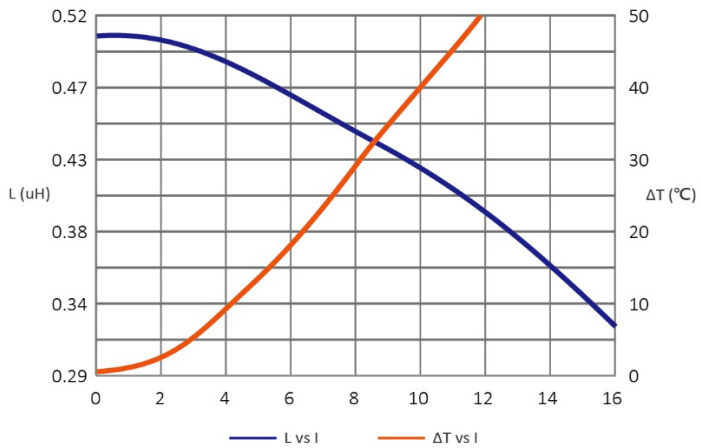
SAR5030MTR22-M



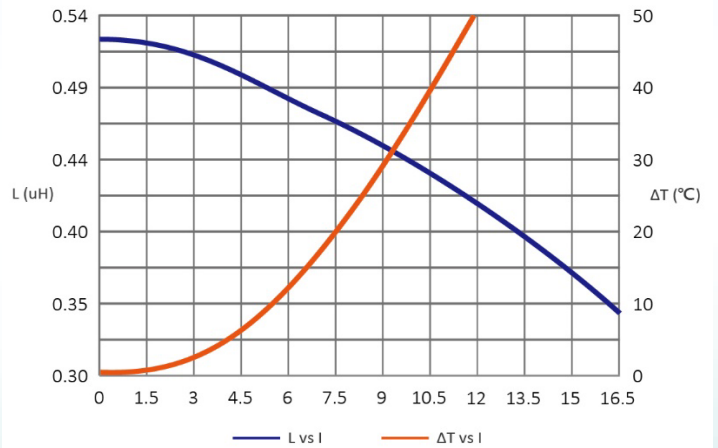
SAR5030MTR33-M



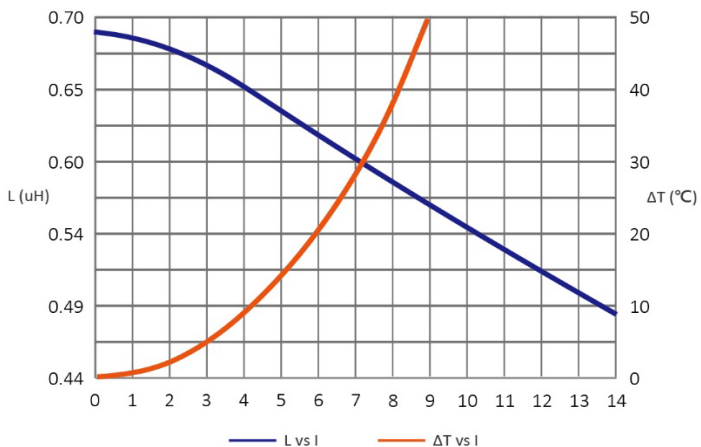
SAR5030MTR47-M



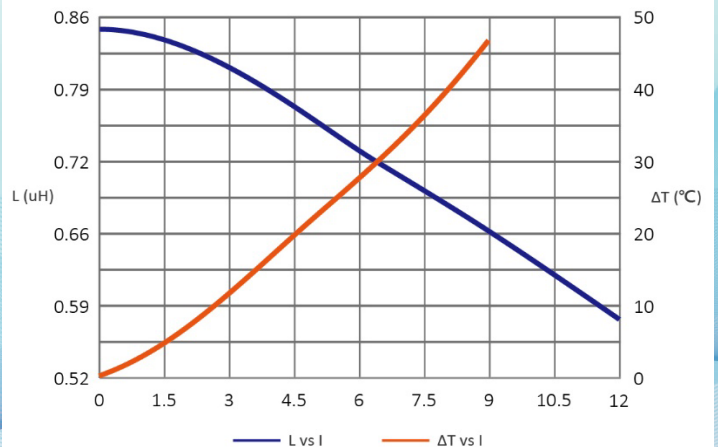
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SAR5030MTR68-M

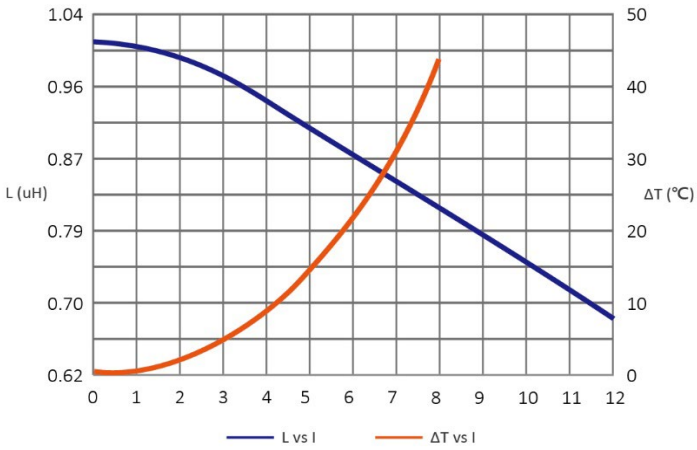


SAR5030MTR82-M

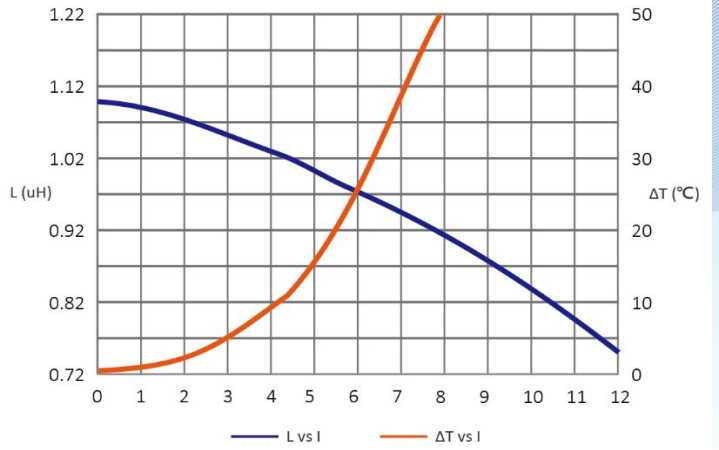




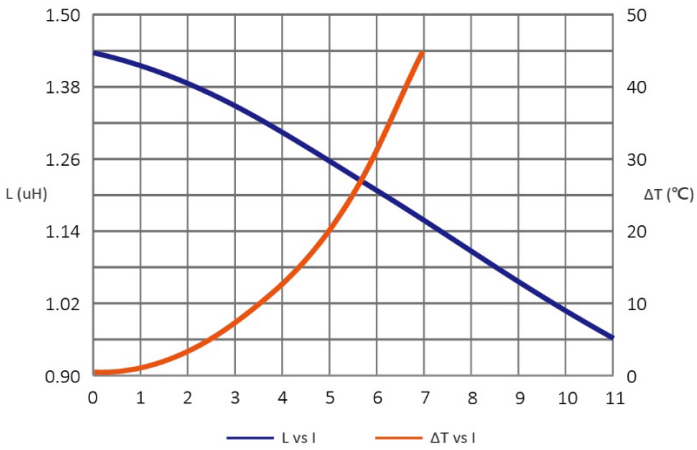
SAR5030MT1R0-M



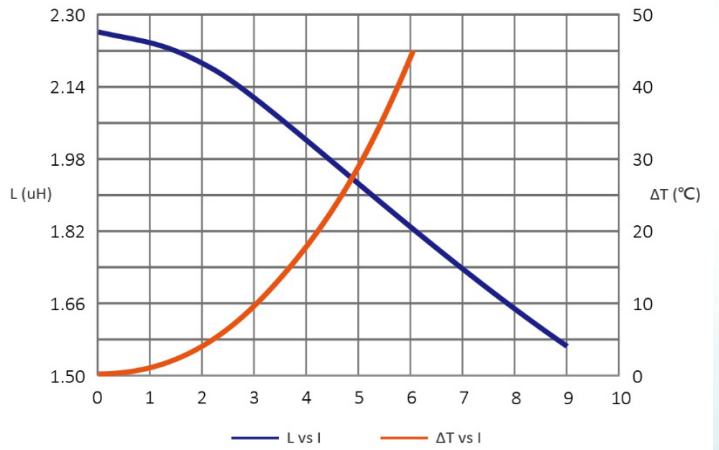
SAR5030MT1R2-M



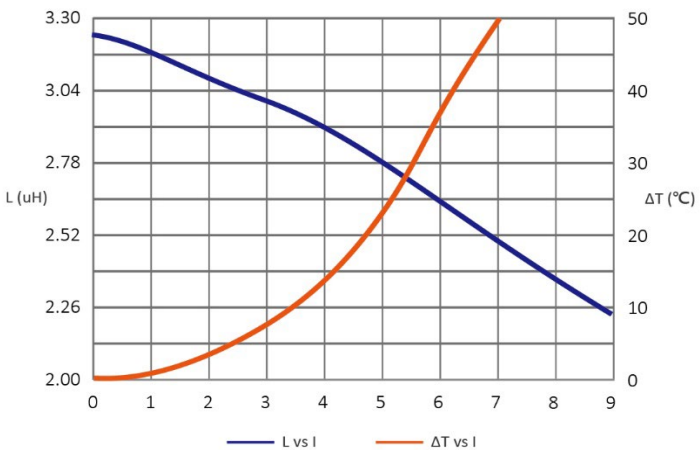
SAR5030MT1R5-M



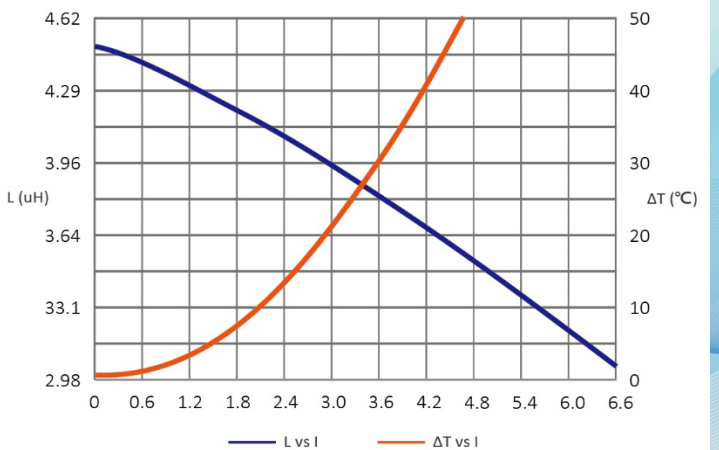
SAR5030MT2R2-M



SAR5030MT3R3-M

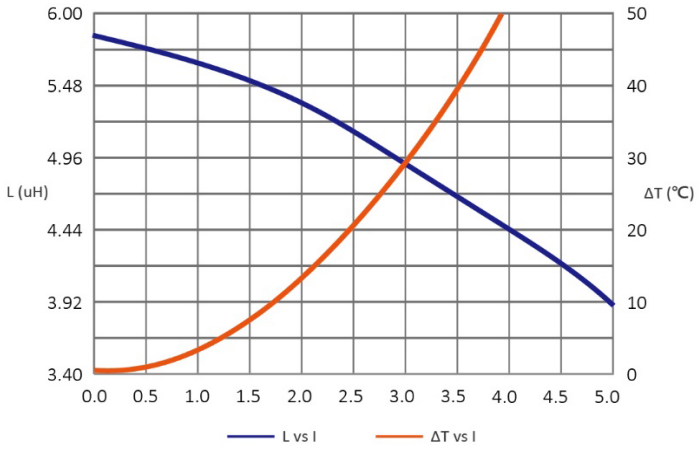


SAR5030MT4R7-M

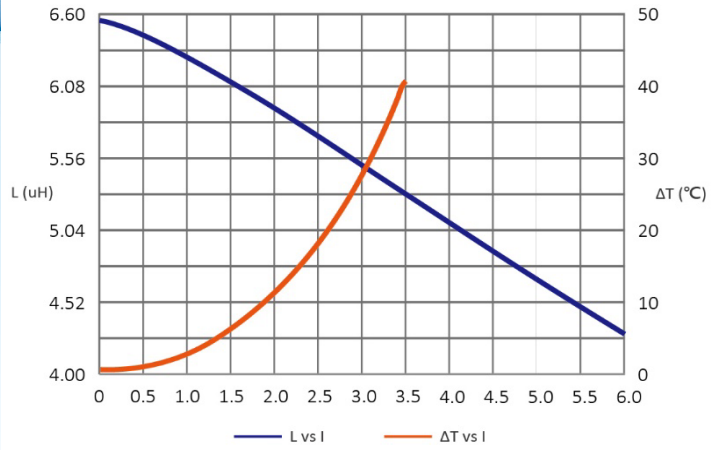




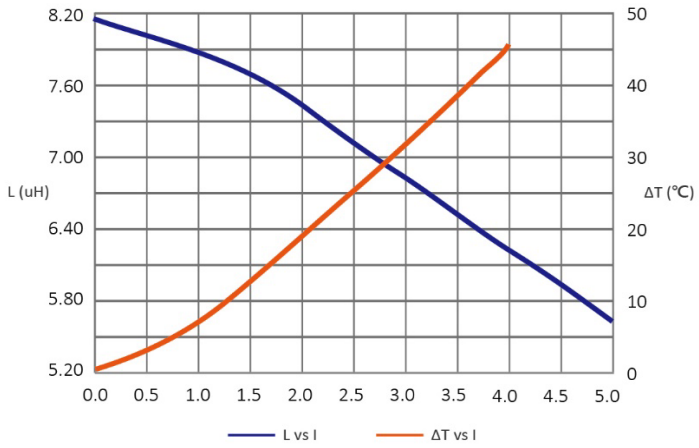
SAR5030MT5R6-M



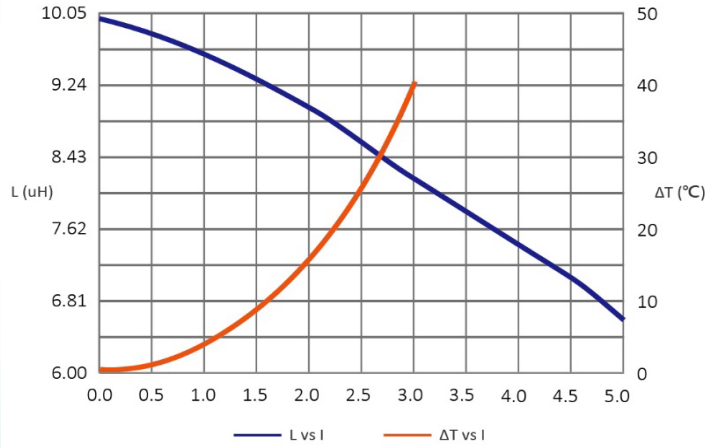
SAR5030MT6R8-M



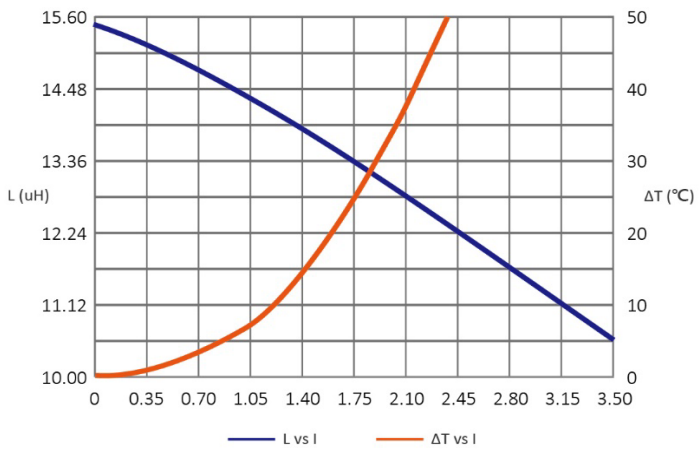
SAR5030MT8R2-M



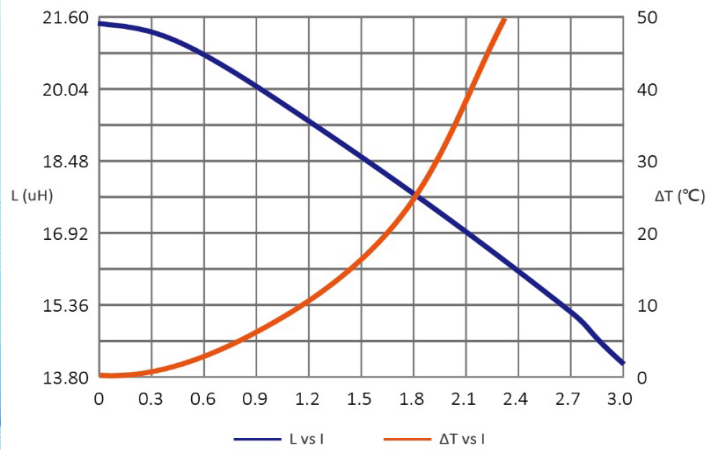
SAR5030MT100-M



SAR5030MT150-M



SAR5030MT220-M



TAPE AND REEL SPECIFICATIONS

