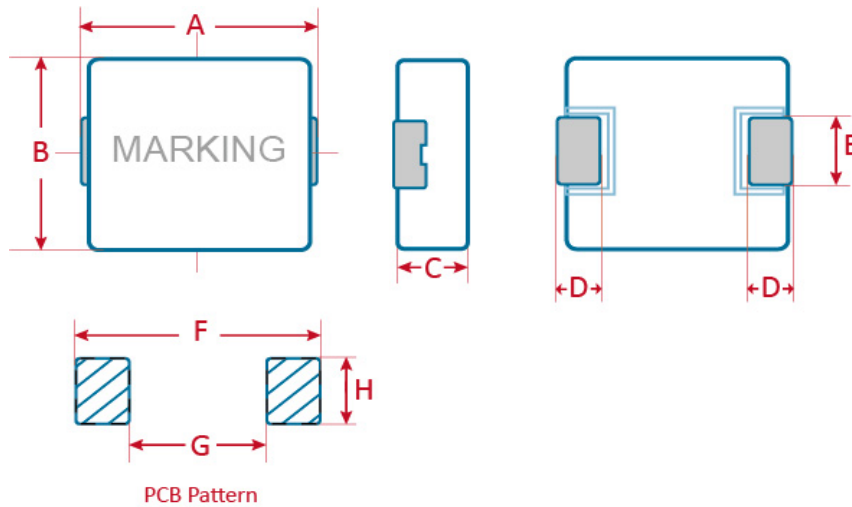


SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G	H
SAR5020-M	5.7 ± 0.2	5.2 ± 0.2	2.0 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

SAR5020-M

Part No.	L(μH)	DCR(mΩ)		Isat(A)		Tolerance (±%)
		Max.	Typ.	Typ.	Typ.	
SAR5020MTR22-M	0.22	6.5	17	12	±20%	
SAR5020MTR33-M	0.33	8.0	15	11	±20%	
SAR5020MTR47-M	0.47	9.0	14	10.5	±20%	
SAR5020MTR68-M	0.68	13	12	8.5	±20%	
SAR5020MT1R0-M	1.0	17	8.0	7.0	±20%	
SAR5020MT1R5-M	1.5	35	6.5	5.5	±20%	
SAR5020MT2R2-M	2.2	45	6.0	4.0	±20%	
SAR5020MT3R3-M	3.3	60	5.0	3.5	±20%	
SAR5020MT4R7-M	4.7	90	5.0	3.0	±20%	
SAR5020MT5R6-M	5.6	120	4.5	2.8	±20%	
SAR5020MT6R8-M	6.8	125	3.4	2.8	±20%	
SAR5020MT100-M	10	180	3.0	2.3	±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 - 5020- MT - R22

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

- (1) Type : High Power Inductor
- (2) Size : 5020 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...

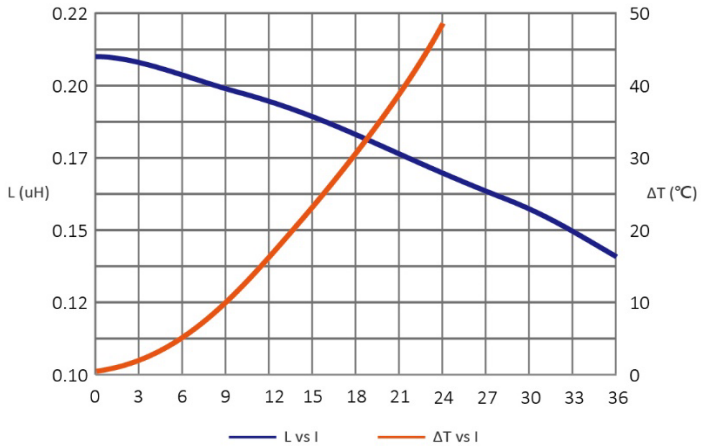
Characteristics

- 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

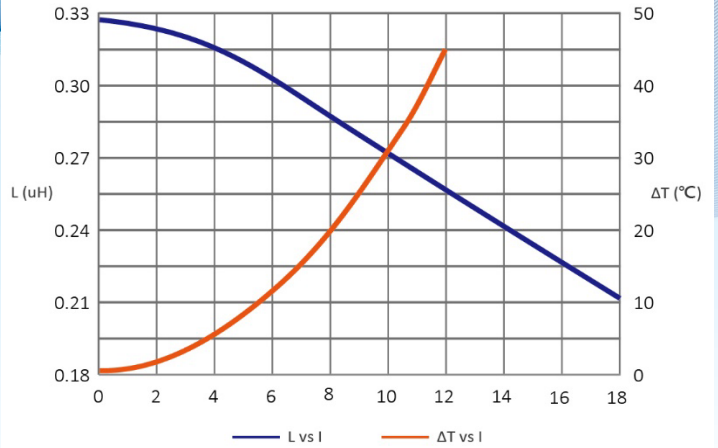
Test equipment

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

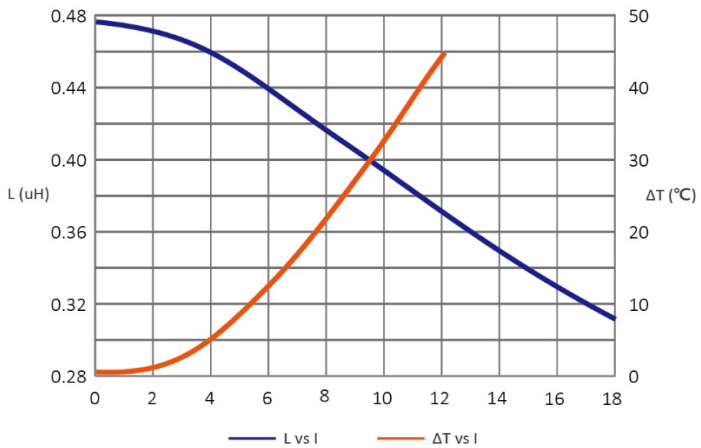
SAR5020MTR22-M



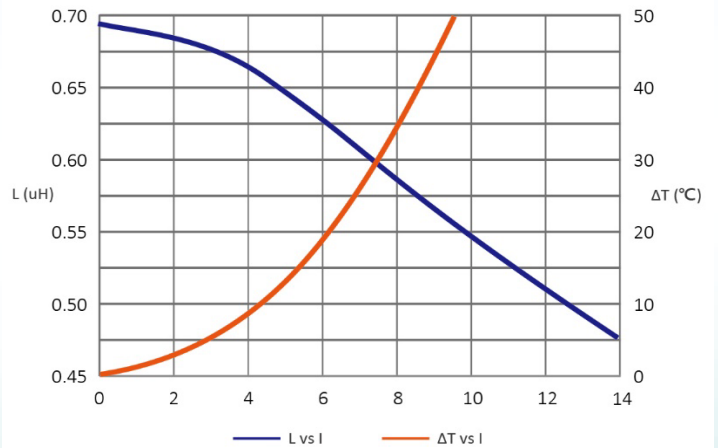
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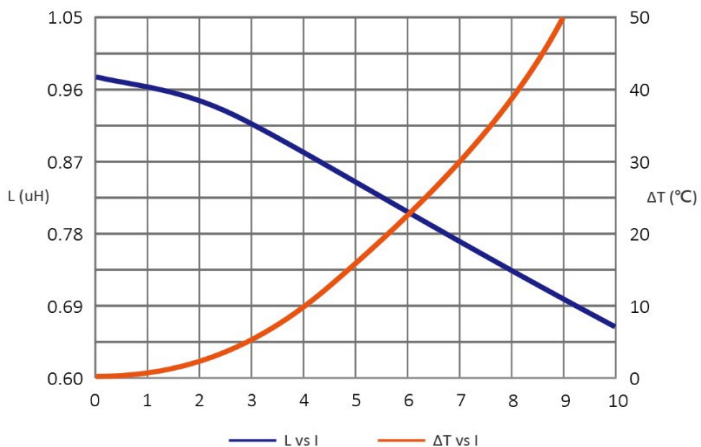
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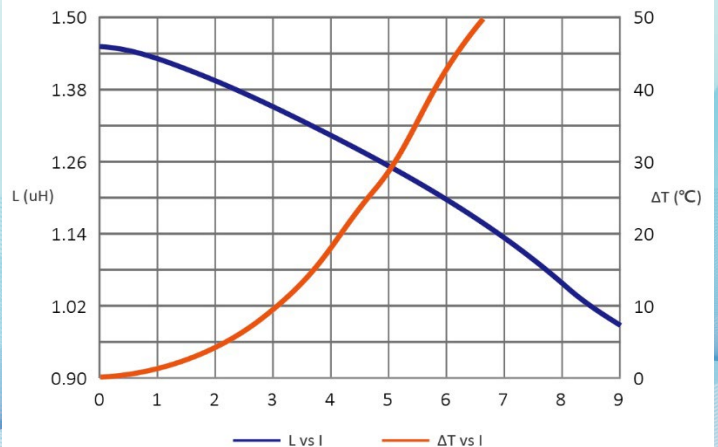
SAR5020MTR68-M



SAR5020MT1R0-M

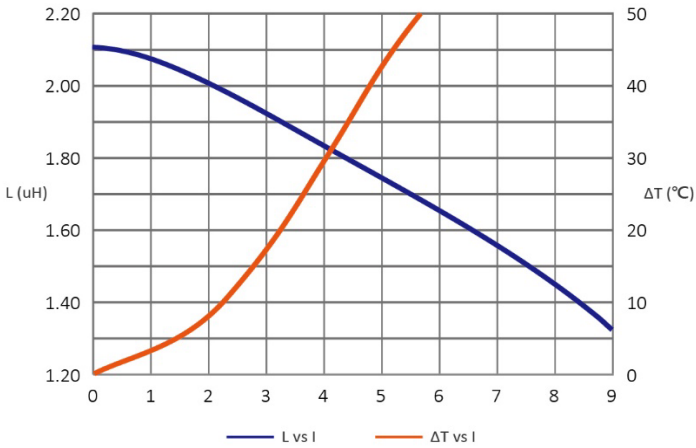


SAR5020MT1R5-M

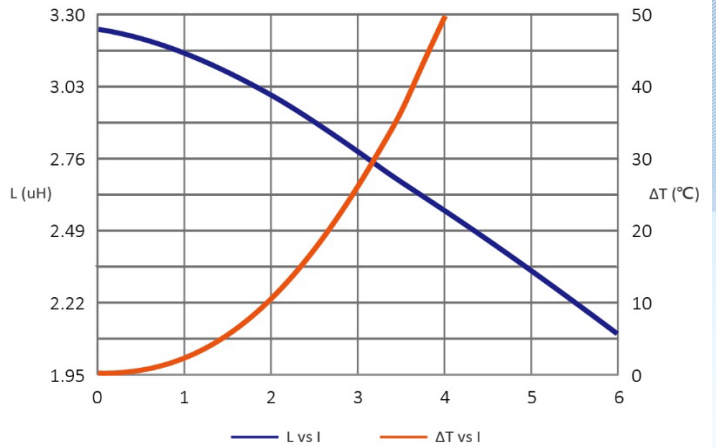




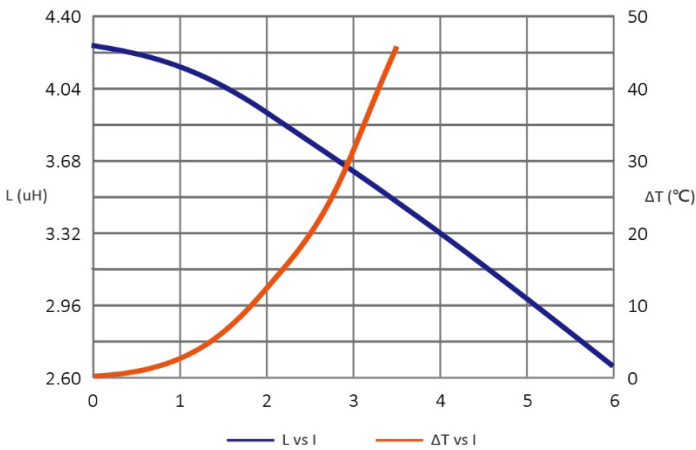
SAR5020MT2R2-M



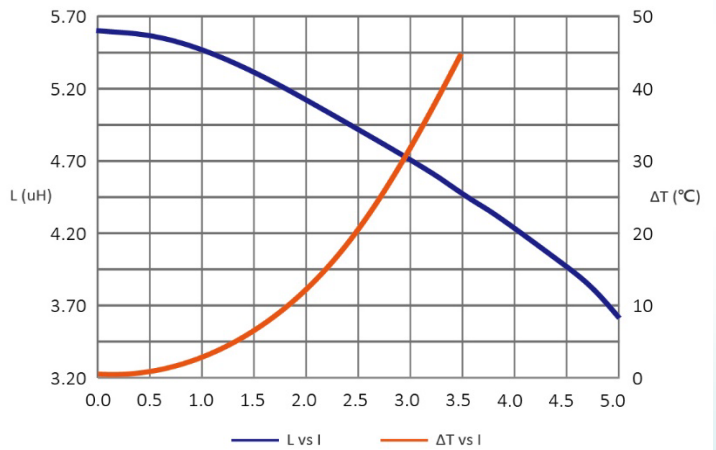
SAR5020MT3R3-M



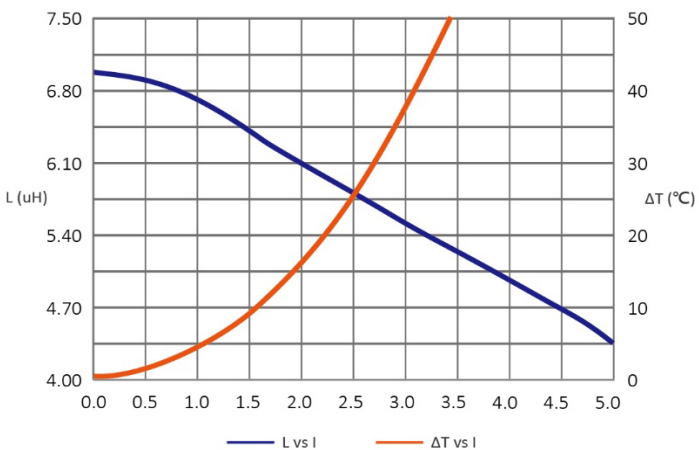
SAR5020MT4R7-M



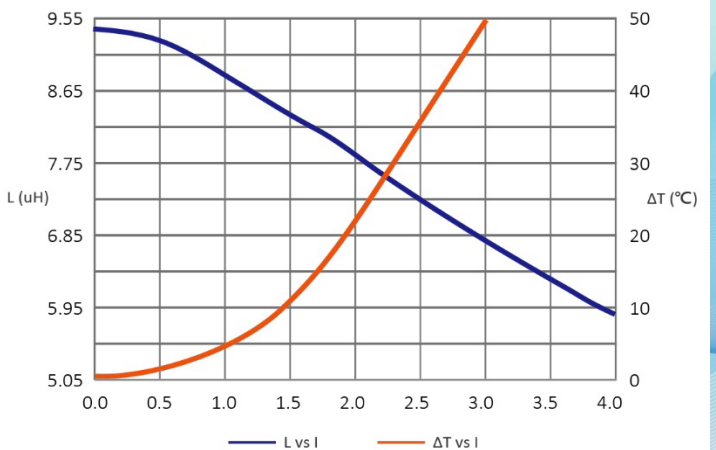
SAR5020MT5R6-M



SAR5020MT6R8-M



SAR5020MT100-M



TAPE AND REEL SPECIFICATIONS

