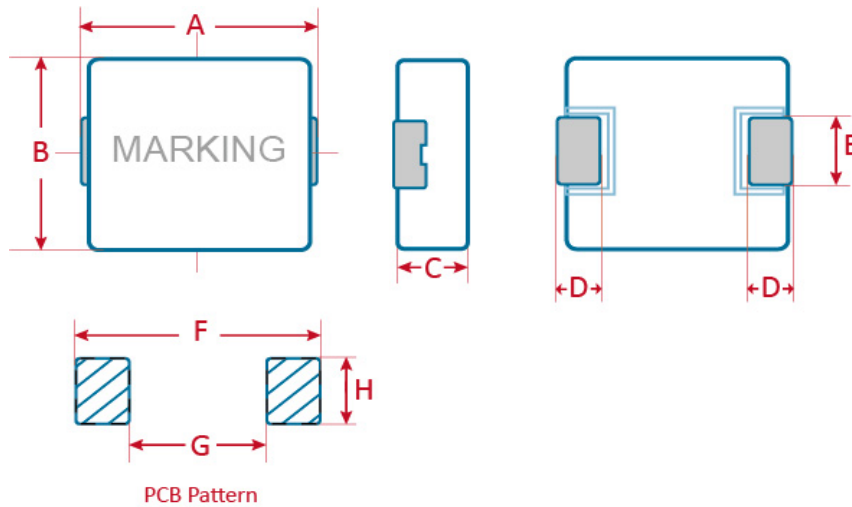


SPECIFICATION FOR APPROVED 樣品承認書

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機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G	H
SAR4020-M	4.6 ± 0.2	4.1 ± 0.25	2.0 Max.	1.0 ± 0.5	1.5 ± 0.3	5.2 Typ.	2.2 Typ.	2.5 Typ.

印字Marking：印字顏色因生產設備而有所差異

SAR4020-M

Part No.	L(μH)	DCR(mΩ)		Isat(A)		Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	Typ.		
SAR4020MTR10-M	0.10	4.0	25	12	±20%		
SAR4020MTR22-M	0.22	6.6	12.5	9.0	±20%		
SAR4020MTR33-M	0.33	10	12	8.5	±20%		
SAR4020MTR47-M	0.47	14	9.5	7.0	±20%		
SAR4020MTR68-M	0.68	21	8.0	5.2	±20%		
SAR4020MT1R0-M	1.0	27	7.0	6.0	±20%		
SAR4020MT1R5-M	1.5	46	6.0	4.0	±20%		
SAR4020MT2R2-M	2.2	58	5.0	3.0	±20%		
SAR4020MT3R3-M	3.3	87	4.0	2.5	±20%		
SAR4020MT4R7-M	4.7	126	3.0	2.2	±20%		
SAR4020MT5R6-M	5.6	132	2.8	2.1	±20%		
SAR4020MT6R8-M	6.8	135	2.5	2.0	±20%		
SAR4020MT8R2-M	8.2	216	2.5	1.8	±20%		
SAR4020MT100-M	10.0	258	2.0	1.6	±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 - 4020 - MT - R10

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

- (1) Type : High Power Inductor
- (2) Size : 4020 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : R10 for 0.10uH,1R0 for 1.0uH,2R2 for 2.2uH...

Characteristics

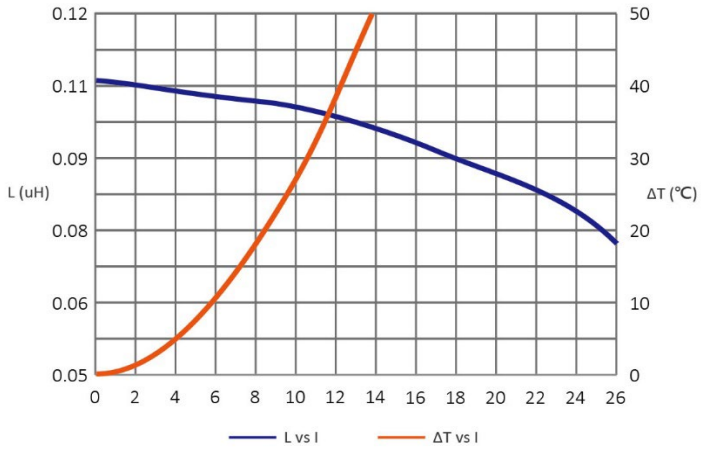
- All test data is referred to 25°C ambient.
- Isat : DC current (A) that will cause Lo to drop approximately 30% (Typical)
- Irms : DC current (A)that will cause an approximate ΔT of 40°C (Typical)
- Operating temperature range : -40°C to +125°C

註 : Absolute maximum voltage 30VDC

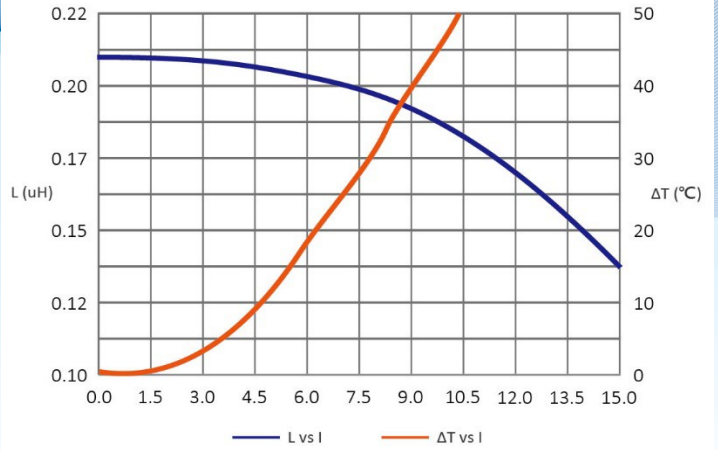
Test equipment

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

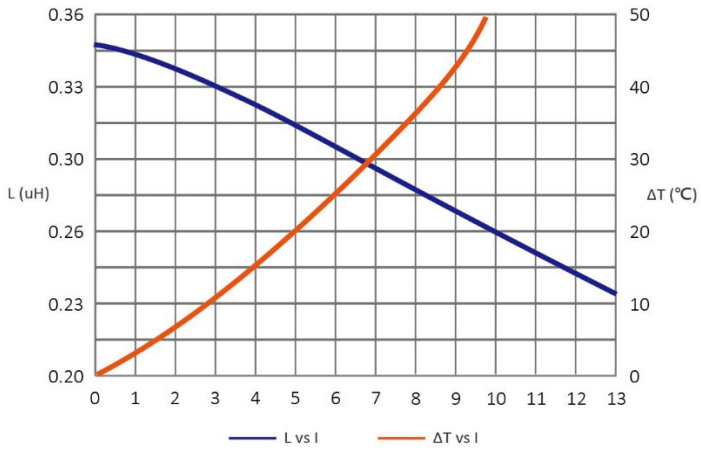
SAR4020MTR10-M



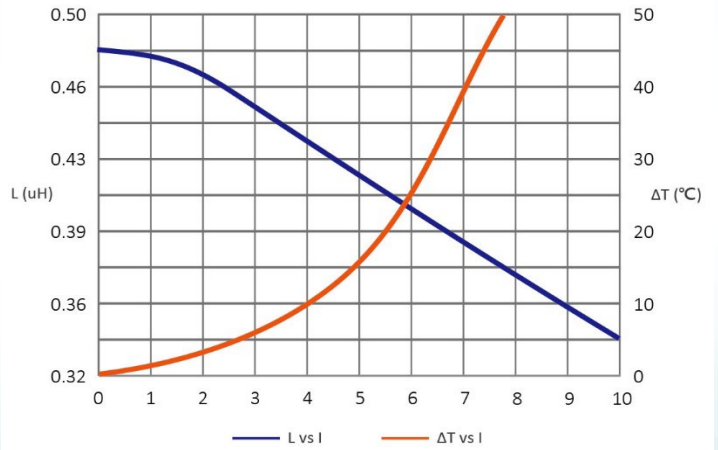
SAR4020MTR22-M



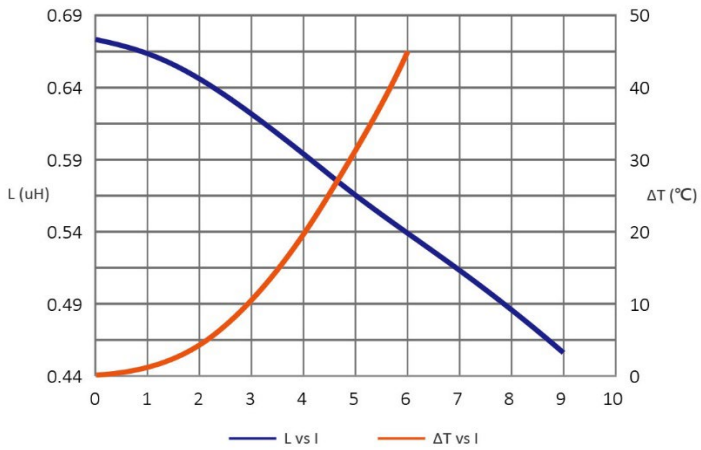
SAR4020MTR33-M



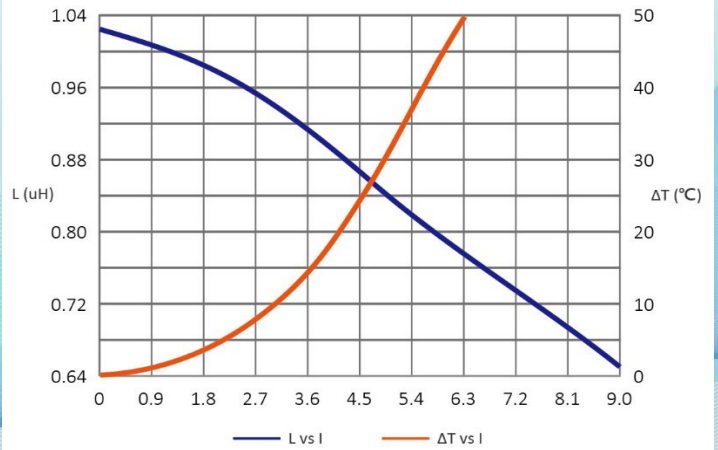
SAR4020MTR47-M



SAR4020MTR68-M

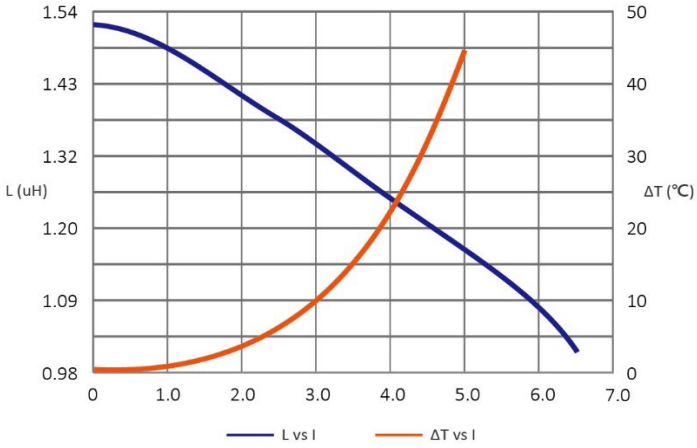


SAR4020MT1R0-M

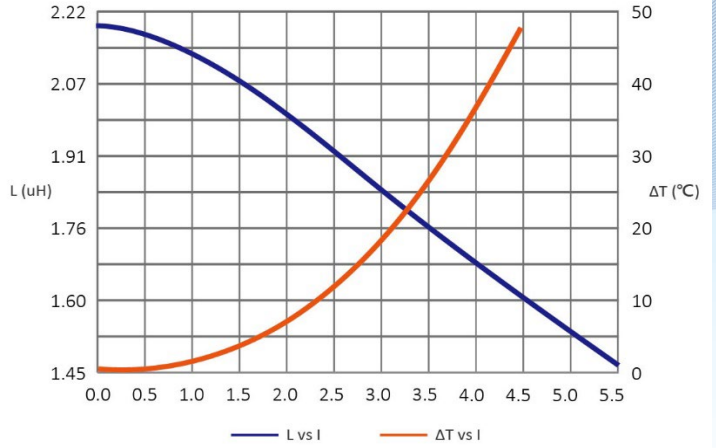




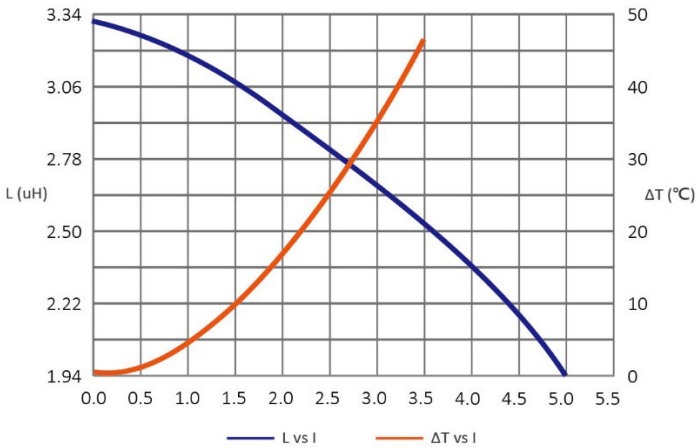
SAR4020MT1R5-M



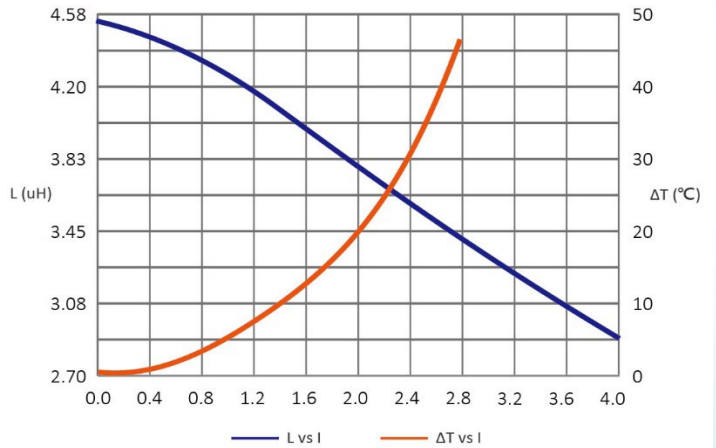
SAR4020MT2R2-M



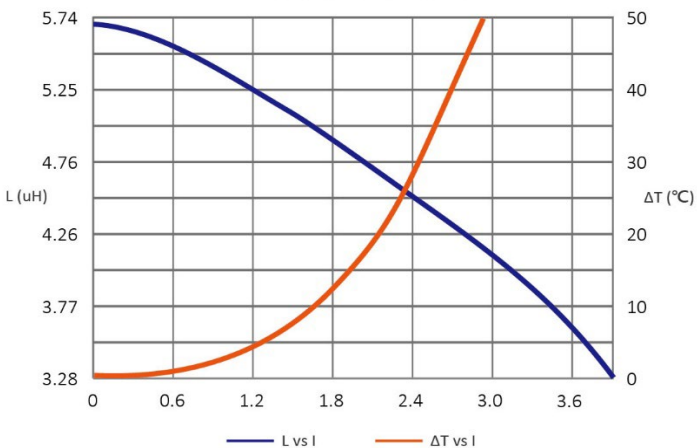
SAR4020MT3R3-M



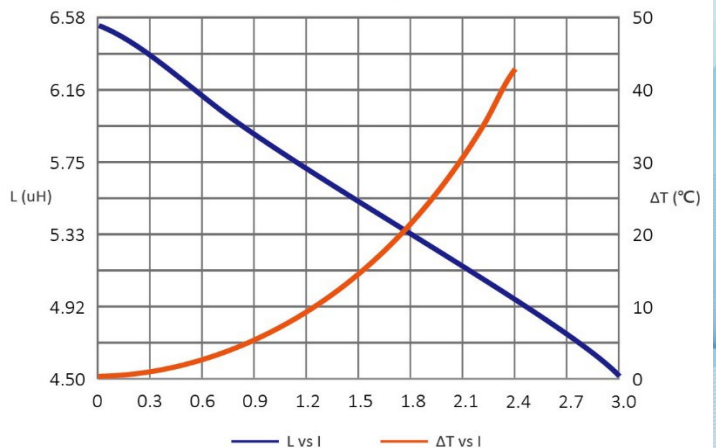
SAR4020MT4R7-M

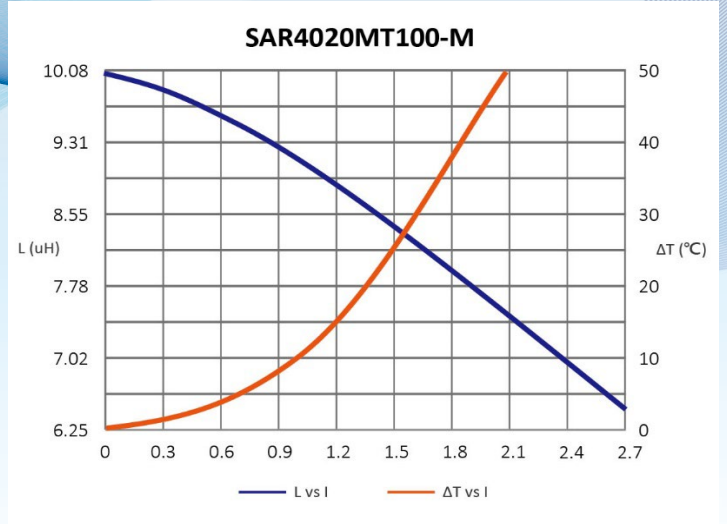
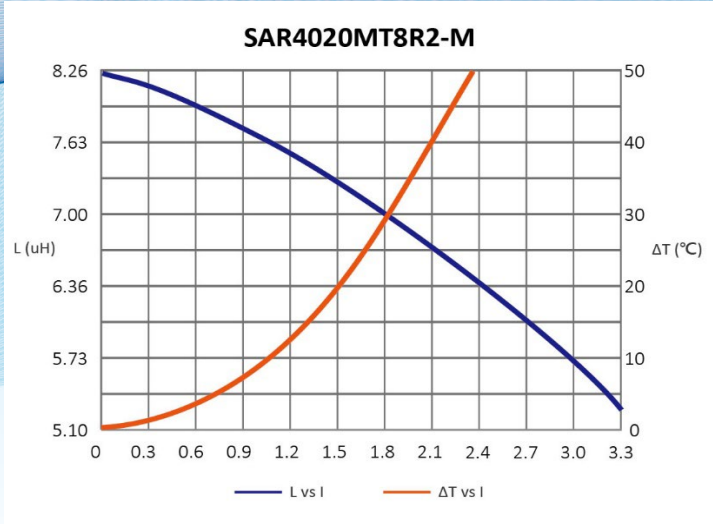


SAR4020MT5R6-M



SAR4020MT6R8-M





TAPE AND REEL SPECIFICATIONS

