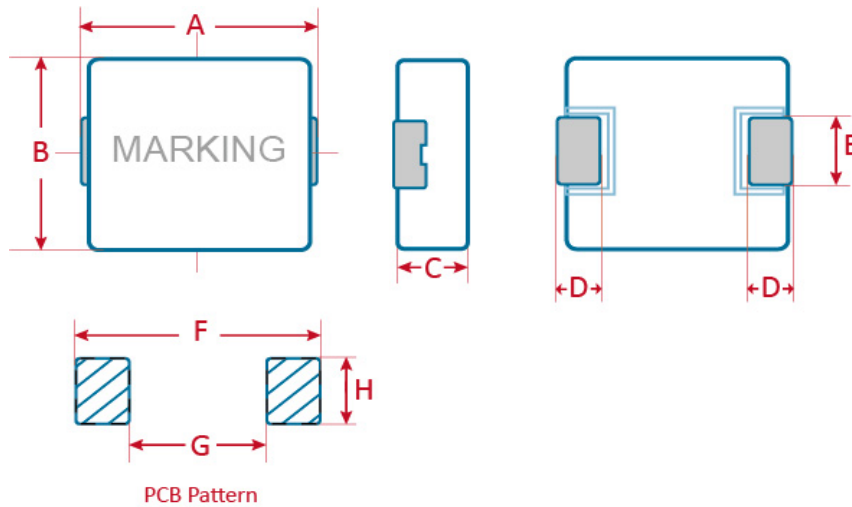


SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAR5018-M	5.7 ± 0.2	5.2 ± 0.2	1.8 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

SAR5018-M

Part No.	L(uH)	DCR(mΩ)		Isat(A)		Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	Typ.		
SAR5018MTR47-M	0.47	9.0	13	9.0	±20%		
SAR5018MTR68-M	0.68	14	12	8.5	±20%		
SAR5018MT1R0-M	1.0	17	9.0	8.0	±20%		
SAR5018MT1R5-M	1.5	25	7.0	6.0	±20%		
SAR5018MT2R2-M	2.2	38	6.5	5.0	±20%		
SAR5018MT3R3-M	3.3	58	5.0	4.5	±20%		
SAR5018MT4R7-M	4.7	85	4.0	3.5	±20%		
SAR5018MT6R8-M	6.8	125	3.4	2.8	±20%		
SAR5018MT100-M	10	155	3.0	2.5	±20%		

SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

Ordering information

SAR - 5018 - MT - R47

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

- (1) Type : High Power Inductor
- (2) Size : 5018 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

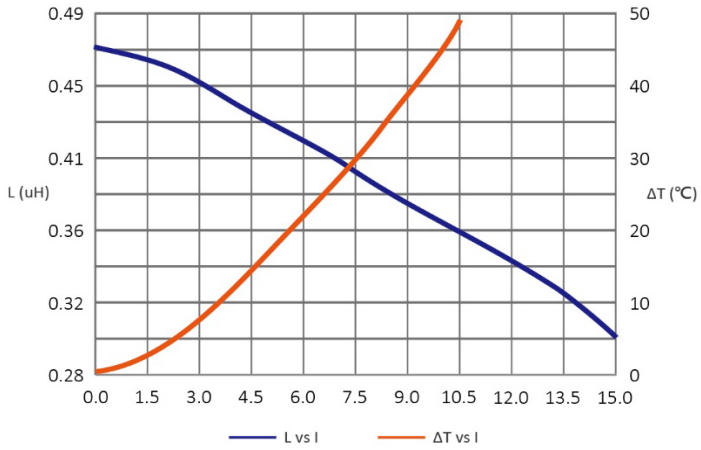
- All test data is referred to 25°C ambient.
- Isat : DC current (A) that will cause Lo to drop approximately 30% (Typical)
- Irms : DC current (A) that will cause an approximate ΔT of 40°C (Typical)
- Operating temperature range : -40°C to +125°C

註 : Absolute maximum voltage 30VDC

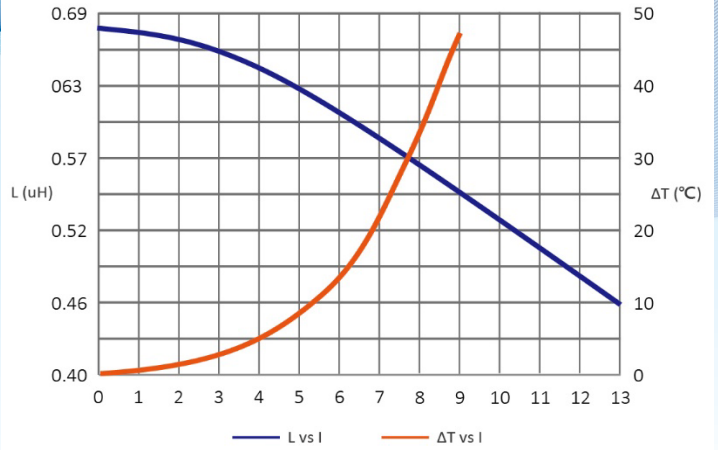
Test equipment

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

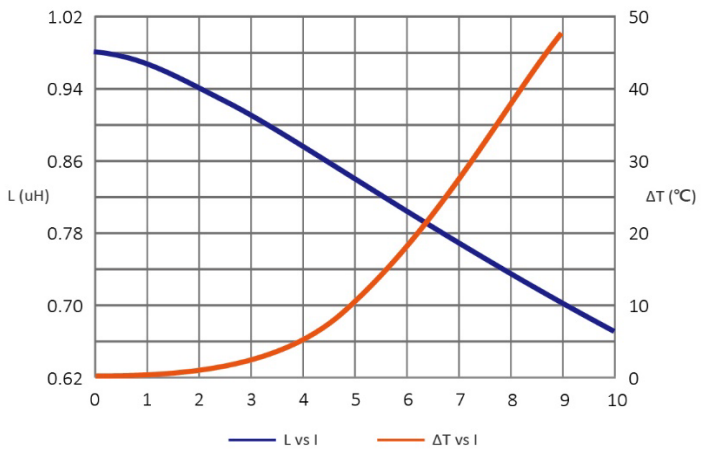
SAR5018MTR47-M



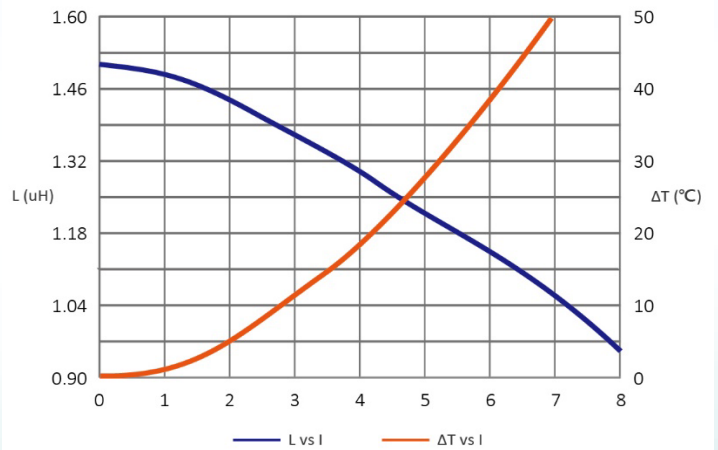
SAR5018MTR68-M



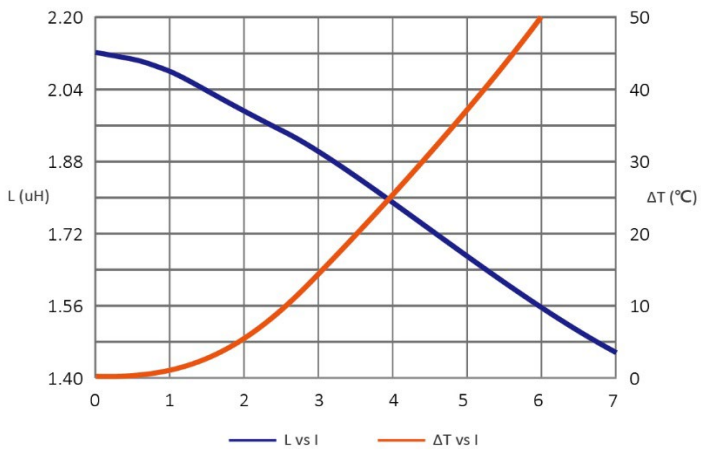
SAR5018MT1R0-M



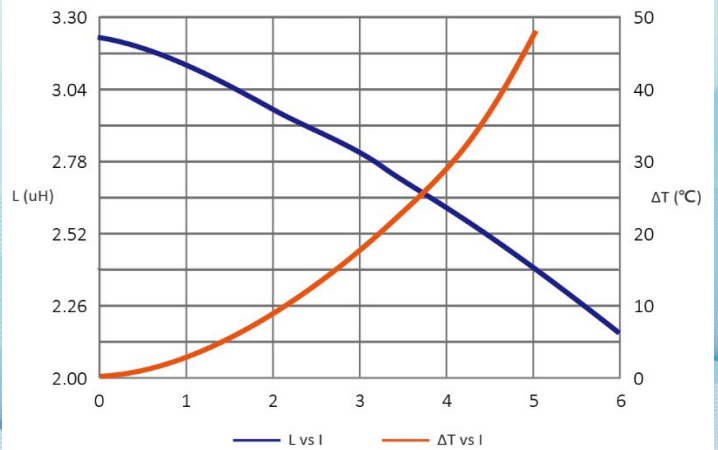
SAR5018MT1R5-M



SAR5018MT2R2-M

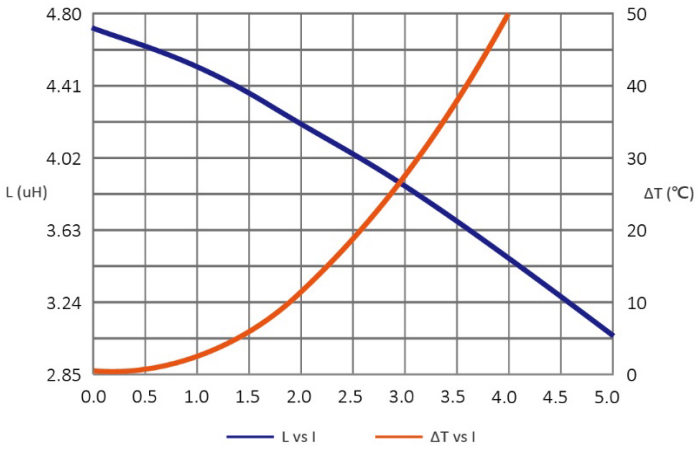


SAR5018MT3R3-M

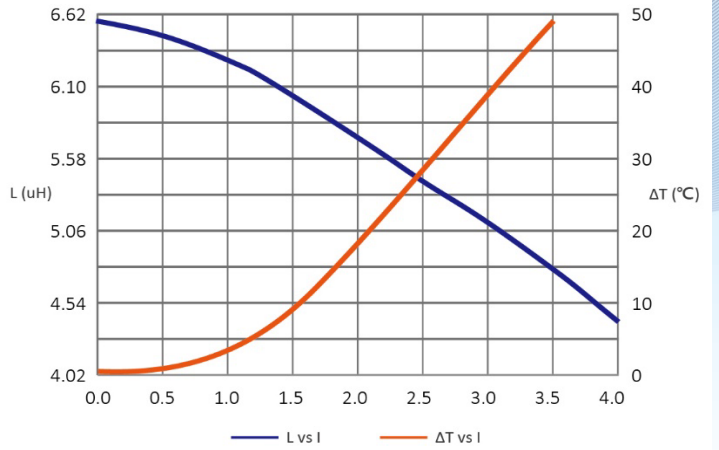




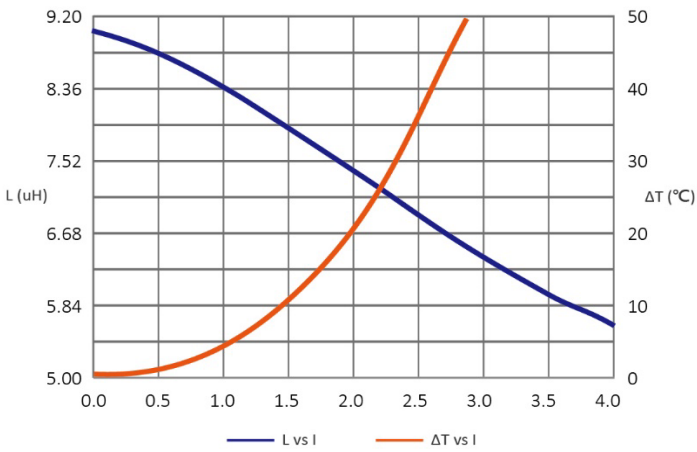
SAR5018MT4R7-M



SAR5018MT6R8-M



SAR5018MT100-M



TAPE AND REEL SPECIFICATIONS

