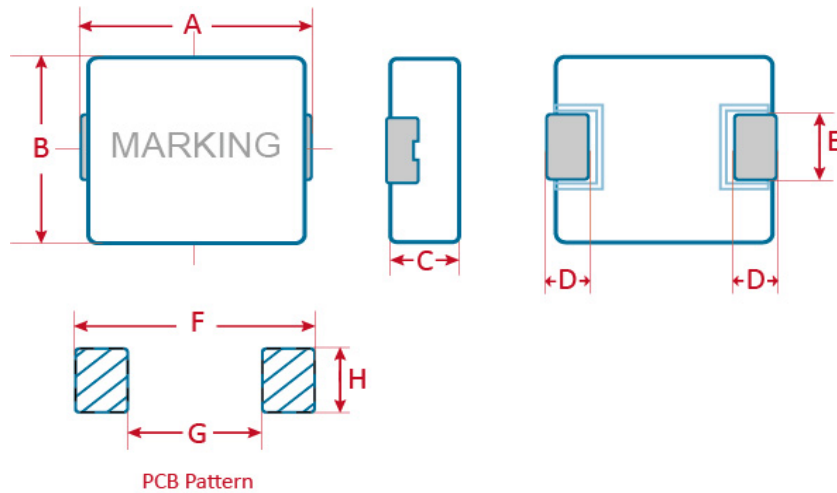


SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G	H
SAR8050-M	8.7 ± 0.3	8.1 ± 0.2	5.0 Max.	2.0 ± 0.3	3.0 ± 0.2	9.0 Typ.	4.7 Typ.	3.2 Typ.

印字Marking：印字顏色因生產設備而有所差異

SAR8050-M

Part No.	L(uH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR8050MT1R0-M	1.0	5.5	18	16	±20%
SAR8050MT1R5-M	1.5	6.0	16	13	±20%
SAR8050MT2R2-M	2.2	13	15	10	±20%
SAR8050MT3R3-M	3.3	18	13	8.0	±20%
SAR8050MT4R7-M	4.7	22	11	7.5	±20%
SAR8050MT6R8-M	6.8	25	10	7.0	±20%
SAR8050MT100-M	10	45	8.0	6.0	±20%
SAR8050MT150-M	15	60	5.5	5.0	±20%
SAR8050MT220-M	22	90	5.0	4.0	±20%
SAR8050MT330-M	33	130	4.0	3.3	±20%
SAR8050MT470-M	47	200	3.5	2.5	±20%
SAR8050MT680-M	68	300	3.0	2.0	±20%
SAR8050MT101-M	100	350	2.7	1.5	±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 - 8050 - MT - 1R0

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

- (1) Type : High Power Inductor
- (2) Size : 8050 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : 1R0 for 1.0uH,2R2 for 2.2uH...

Characteristics

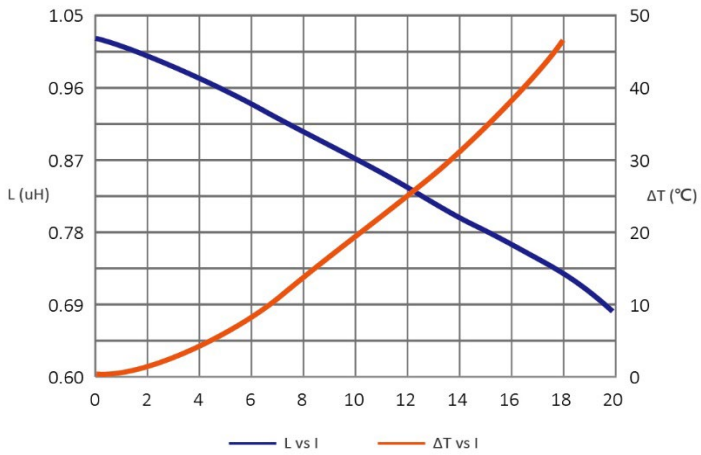
- All test data is refered to 25°C ambient.
- Isat : DC current (A) that will cause Lo to drop approximately 30% (Typical)
- Irms : DC current (A)that will cause an approximate ΔT of 40°C (Typical)
- Operating temperature range : -40°C to +125°C

註 : Absolute maximum voltage 30VDC

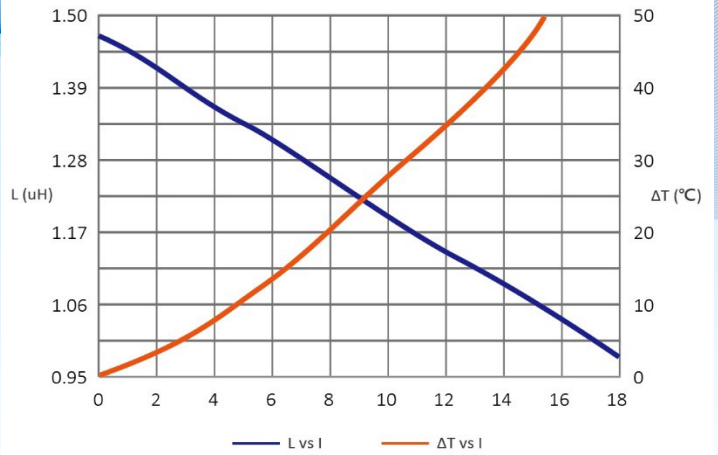
Test equipment

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

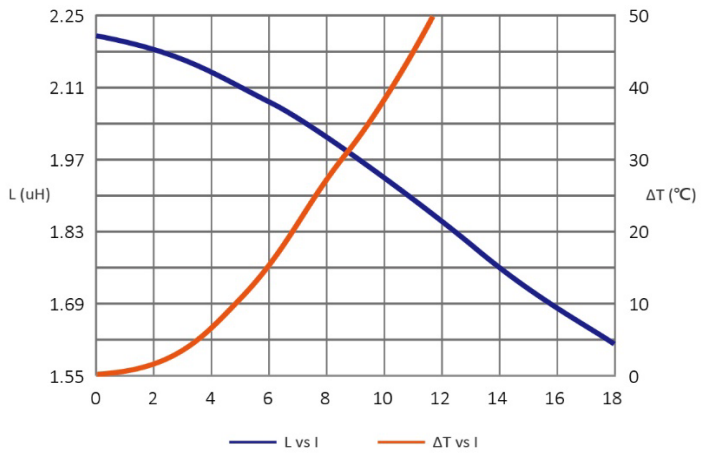
SAR8050MT1R0-M



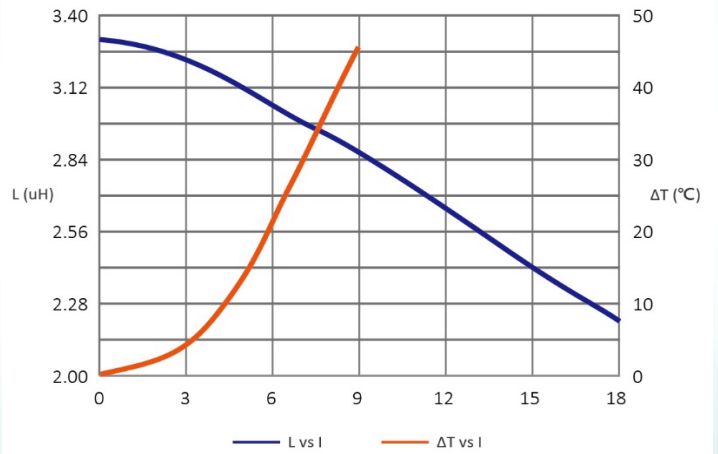
SAR8050MT1R5-M



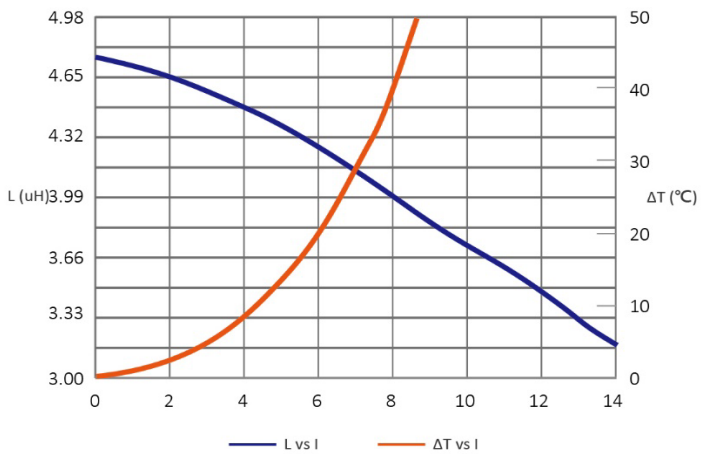
SAR8050MT2R2-M



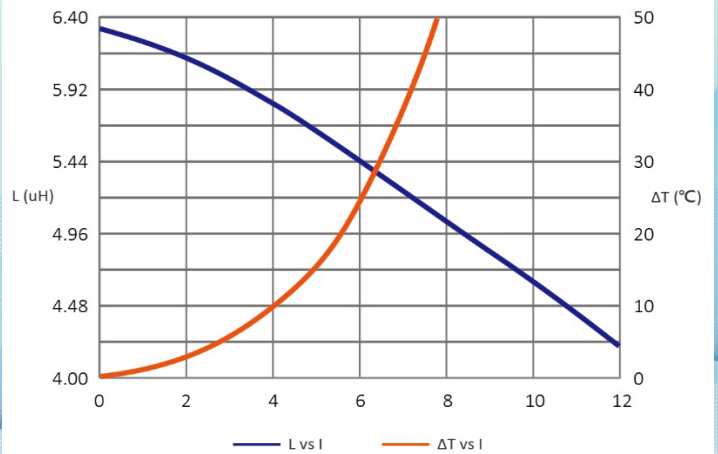
SAR8050MT3R3-M



SAR8050MT4R7-M

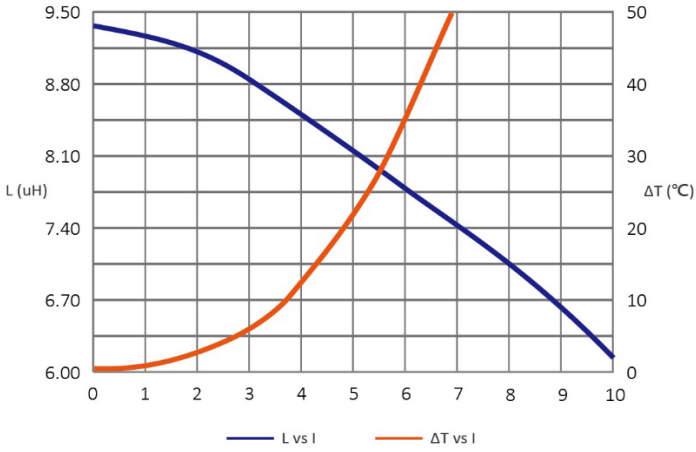


SAR8050MT6R8-M

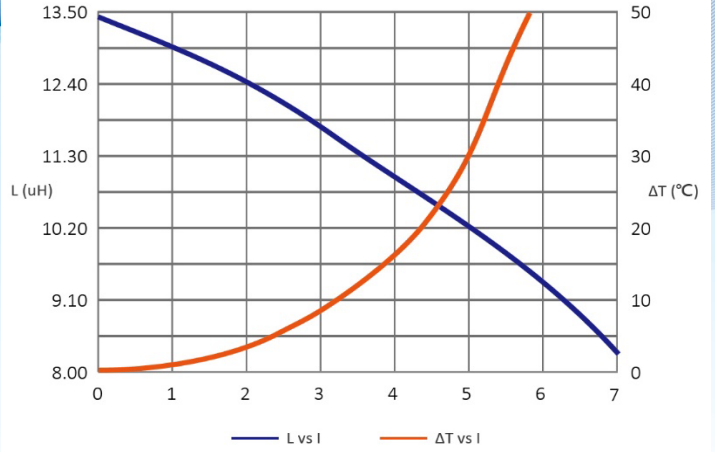




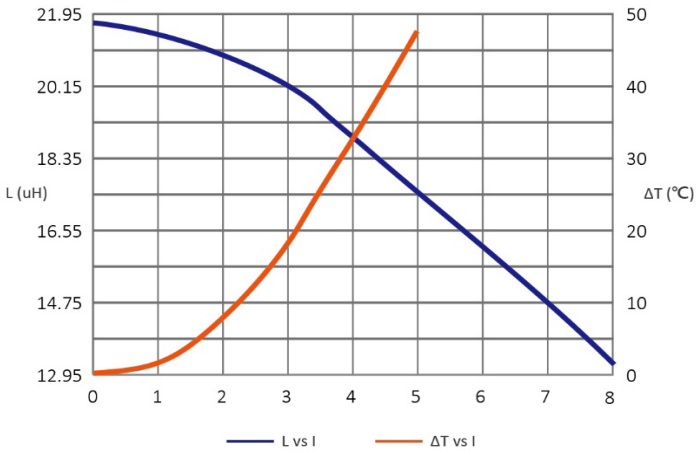
SAR8050MT100-M



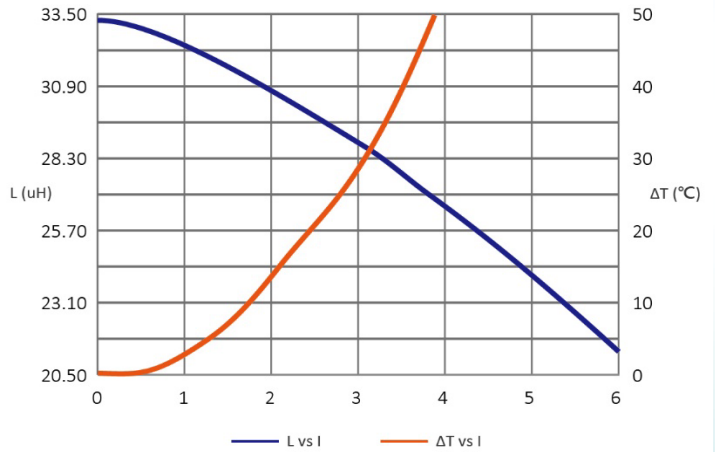
SAR8050MT150-M



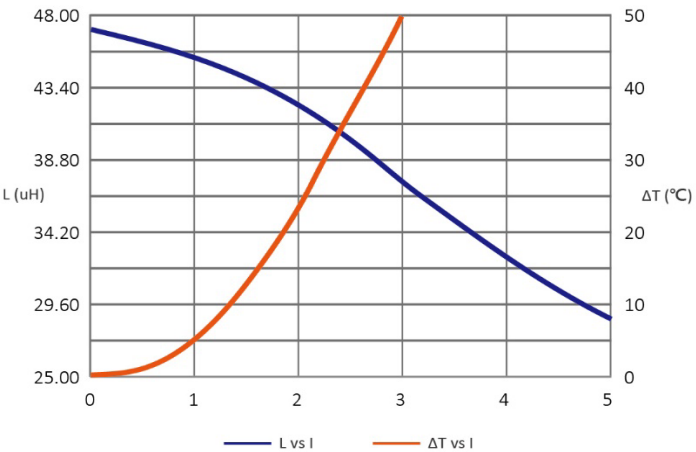
SAR8050MT220-M



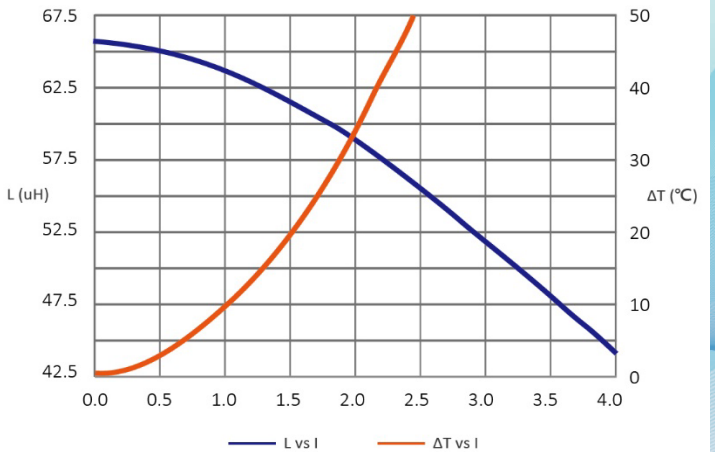
SAR8050MT330-M

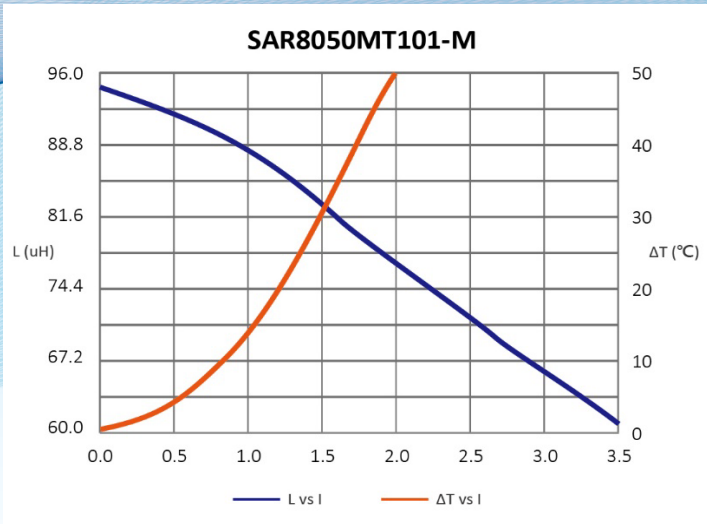


SAR8050MT470-M



SAR8050MT680-M





TAPE AND REEL SPECIFICATIONS

