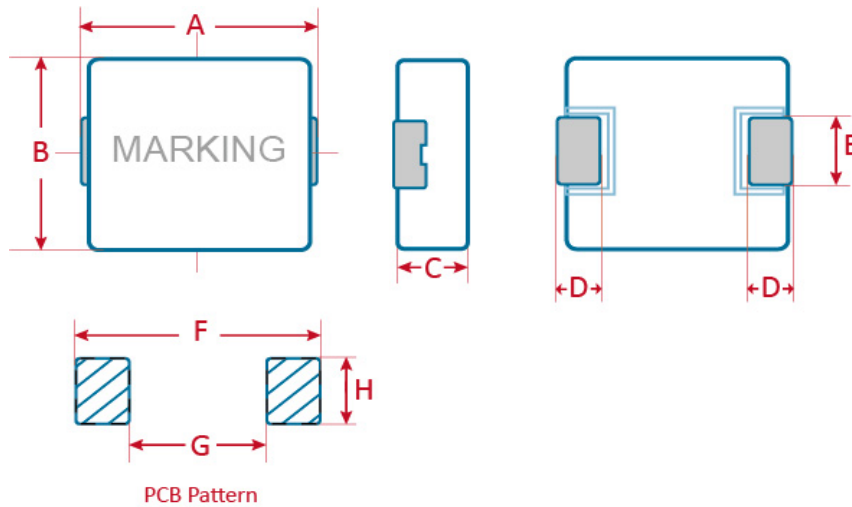


SPECIFICATION FOR APPROVED 樣品承認書

2022
NEW

機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G	H
SAR7040-M	7.1 ± 0.3	6.6 ± 0.3	4.0 Max.	1.6 ± 0.5	3.0 ± 0.3	8.4 Typ.	3.7 Typ.	3.5 Typ.

印字Marking：印字顏色因生產設備而有所差異

SAR7040-M

Part No.	L(μH)	DCR(mΩ)		Isat(A)		Irms(A)		Tolerance (±%)
		Max.	Typ.	Typ.	Typ.			
SAR7040MT1R0-M	1.0	8.0	18	12.5	±20%			
SAR7040MT1R5-M	1.5	14	16	10	±20%			
SAR7040MT2R2-M	2.2	18	12	9.0	±20%			
SAR7040MT3R3-M	3.3	25	10	7.0	±20%			
SAR7040MT4R7-M	4.7	35	8.0	6.0	±20%			
SAR7040MT6R8-M	6.8	50	7.0	5.0	±20%			
SAR7040MT100-M	10.0	62	5.0	4.5	±20%			
SAR7040MT150-M	15.0	95	4.5	3.5	±20%			
SAR7040MT220-M	22.0	125	4.0	3.0	±20%			
SAR7040MT330-M	33.0	220	3.2	2.5	±20%			
SAR7040MT470-M	47.0	280	2.5	2.1	±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 - 7040 - MT - 1R0

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

- (1) Type : High Power Inductor
- (2) Size : 7040 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : 1R0 for 1.0uH,2R2 for 2.2uH...

Characteristics

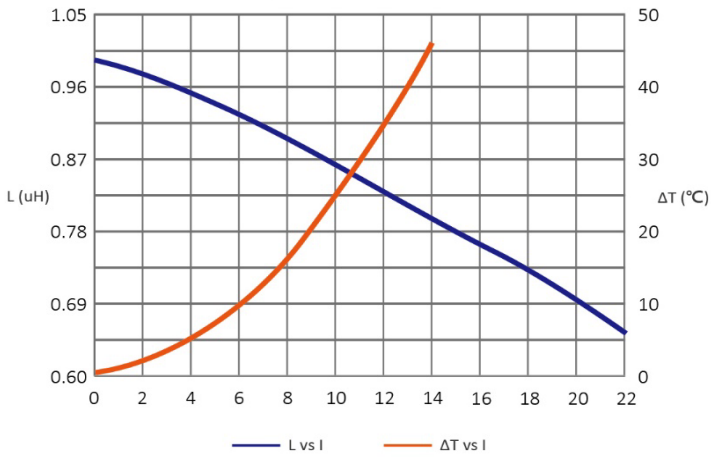
- All test data is referred to 25°C ambient.
- Isat : DC current (A) that will cause Lo to drop approximately 30% (Typical)
- Irms : DC current (A) that will cause an approximate ΔT of 40°C (Typical)
- Operating temperature range : -40°C to +125°C

註 : Absolute maximum voltage 30VDC

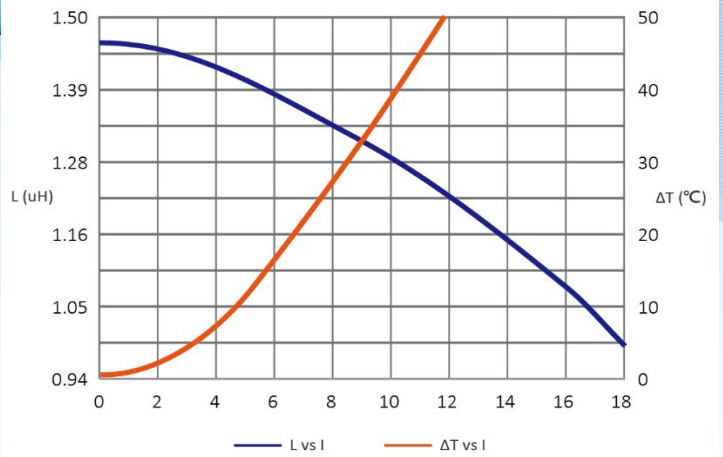
Test equipment

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

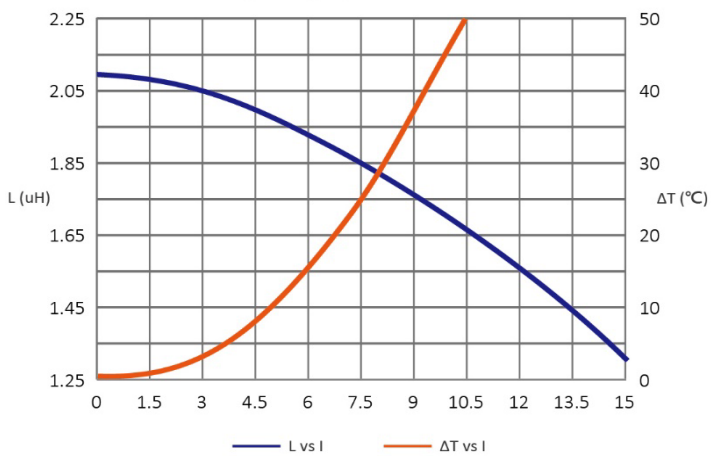
SAR7040MT1R0-M



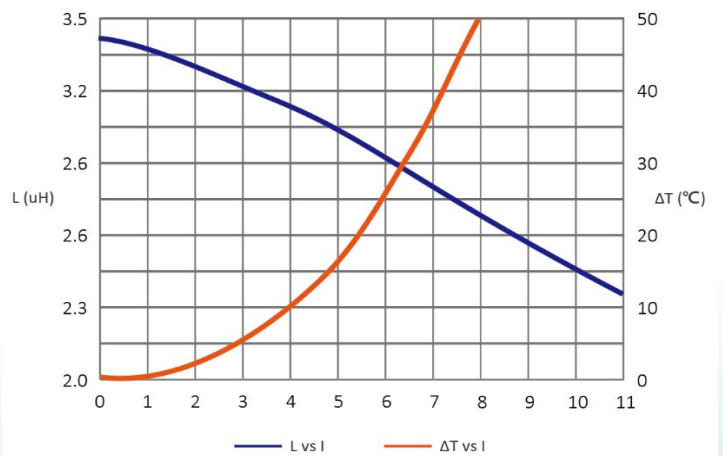
SAR7040MT1R5-M



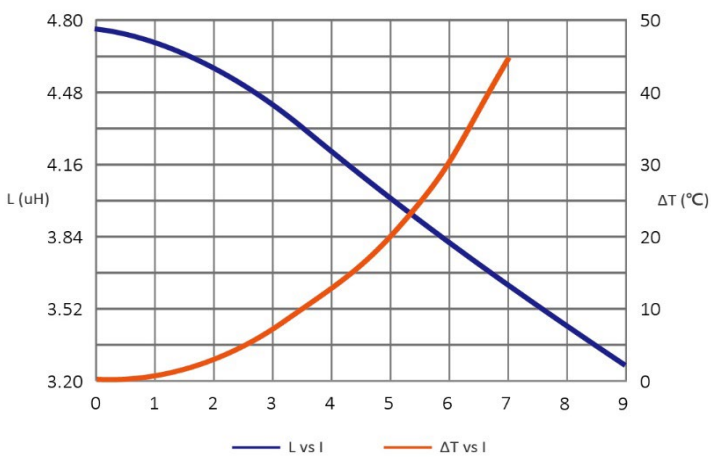
SAR7040MT2R2-M



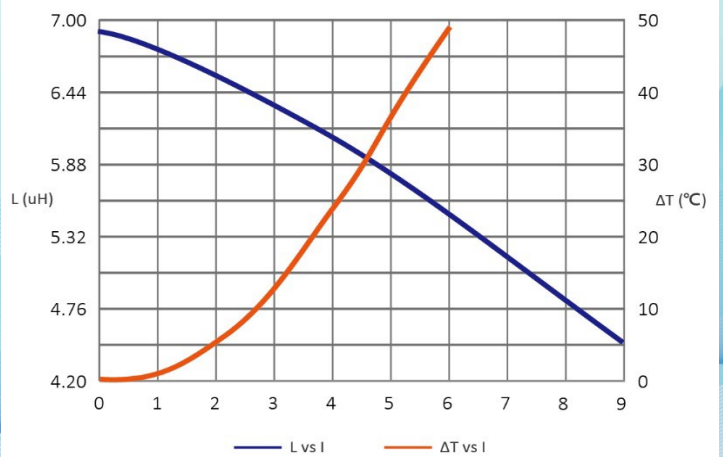
SAR7040MT3R3-M

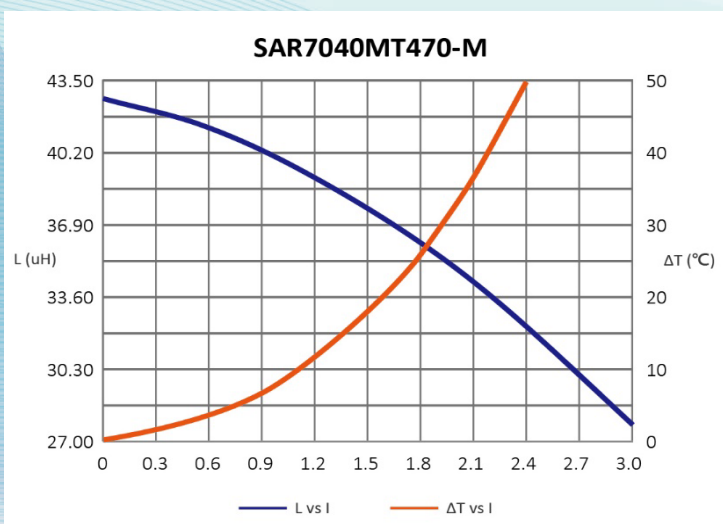
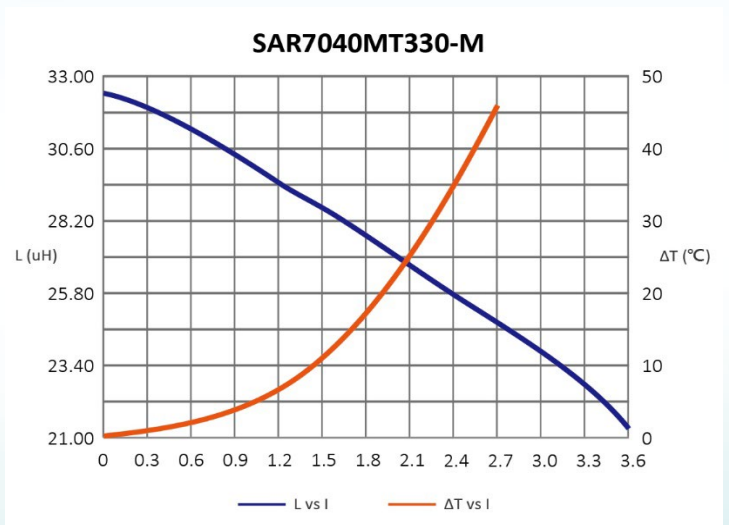
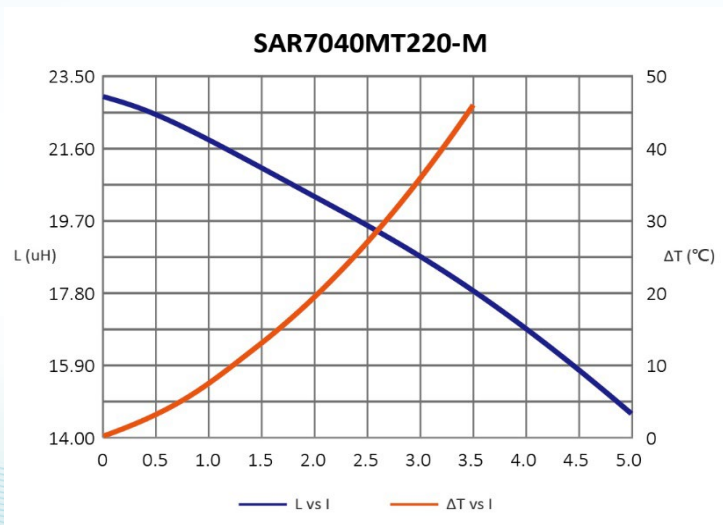
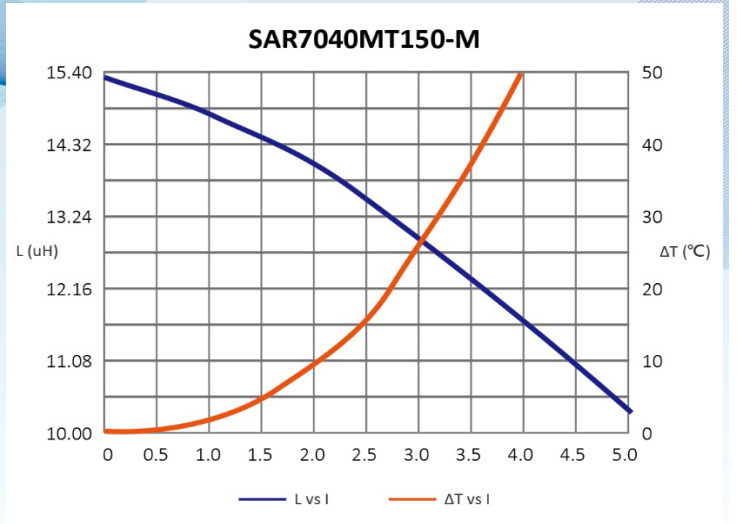
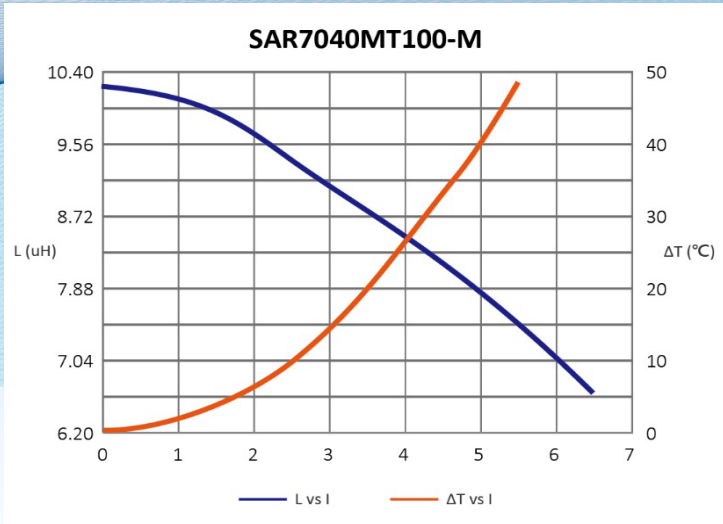


SAR7040MT4R7-M



SAR7040MT6R8-M





TAPE AND REEL SPECIFICATIONS

