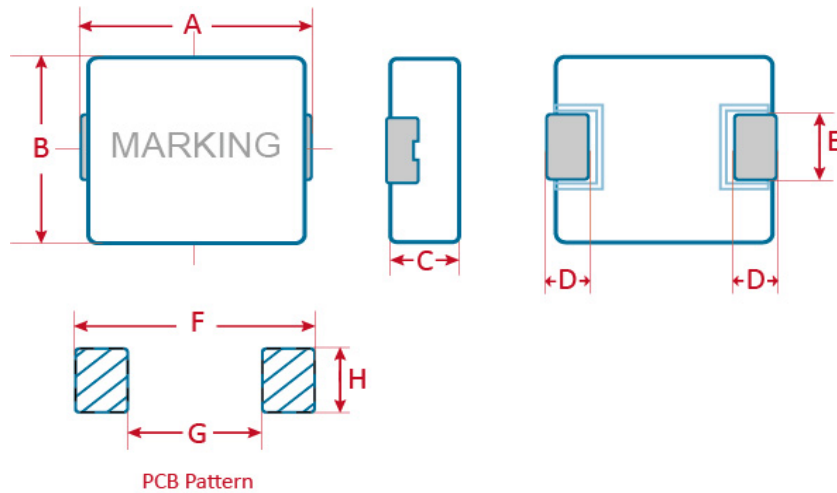




# SPECIFICATION FOR APPROVED 樣品承認書

2022  
NEW

## 機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAR1350-M	13.8 Max.	12.6 ± 0.2	5.0 Max.	2.7 ± 0.5	3.7 ± 0.5	14.5 Typ.	6.5 Typ.	5.0 Typ.

印字Marking：印字顏色因生產設備而有所差異

## SAR1350-M

Part No.	L(μH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR1350MTR47-M	0.47	1.30	52	30	±20%
SAR1350MTR68-M	0.68	1.55	32	24	±20%
SAR1350MTR82-M	0.82	1.65	30	23	±20%
SAR1350MT1R0-M	1.0	2.5	28	22	±20%
SAR1350MT1R5-M	1.5	3.0	24	15	±20%
SAR1350MT2R2-M	2.2	6.0	23	13	±20%
SAR1350MT3R3-M	3.3	8.0	20.5	12	±20%
SAR1350MT4R7-M	4.7	11.5	16	11	±20%
SAR1350MT6R8-M	6.8	22	14	9.0	±20%
SAR1350MT100-M	10	35	11	7.0	±20%
SAR1350MT150-M	15	36	9.2	6.0	±20%
SAR1350MT220-M	22	60	7.0	5.5	±20%
SAR1350MT330-M	33	90	5.5	5.0	±20%
SAR1350MT470-M	47	110	4.5	4.0	±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 - 1350 - MT - 1R5

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

- ( 1 ) Type : High Power Inductor
- ( 2 ) Size : 1350 is size
- ( 3 ) Tolerance : M=20%
- ( 4 ) Packaging style : Taping Reel
- ( 5 ) Inductance : 1R5 for 1.5uH,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  $\Delta T$  of 40°C (Typical)
- Operating temperature range : -40°C to +125°C

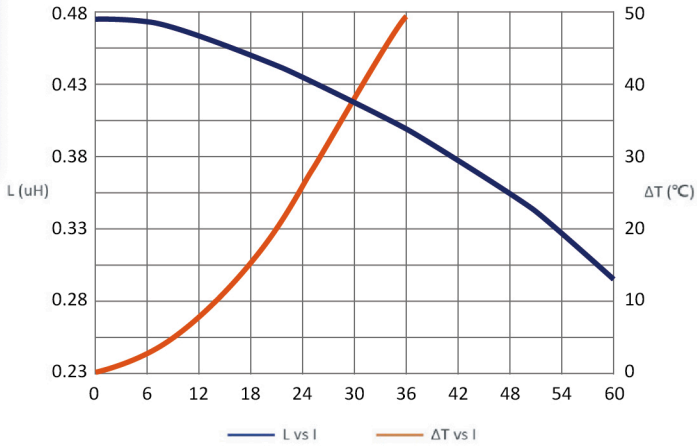
註 : Absolute maximum voltage 30VDC

## Test equipment

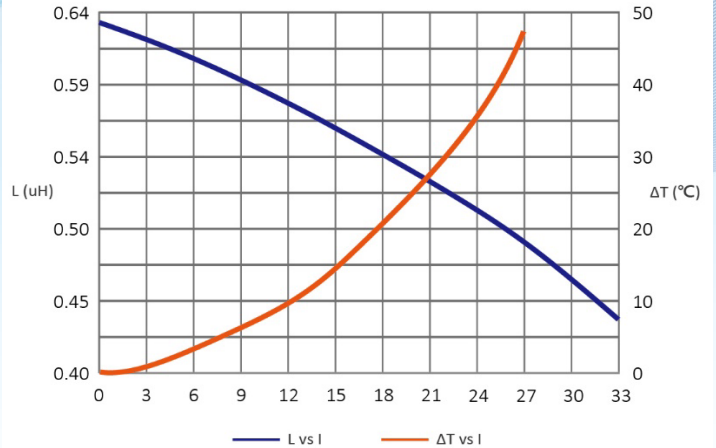
- Test Frequency : 100KHz ,1.0 Vrms.
- L :HP 4284A
- DCR : TH2512B



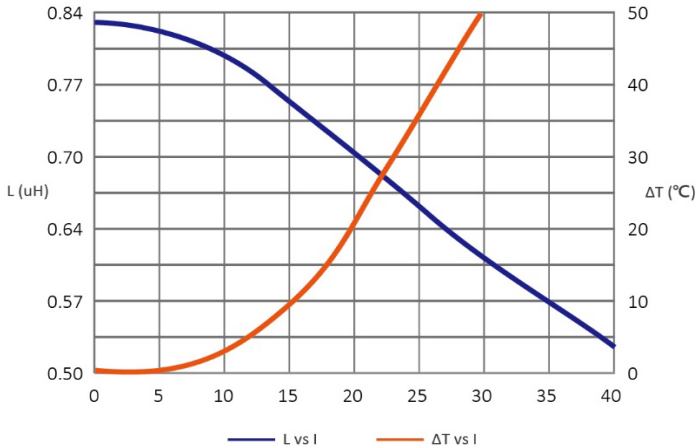
**SAR1350MTR47-M**



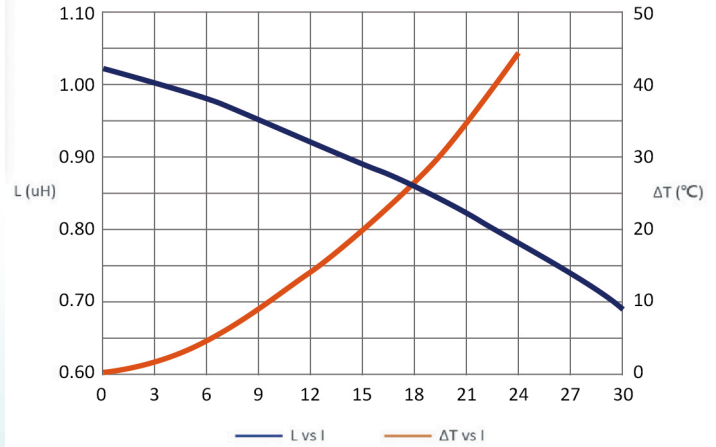
**SAR1350MTR68-M**



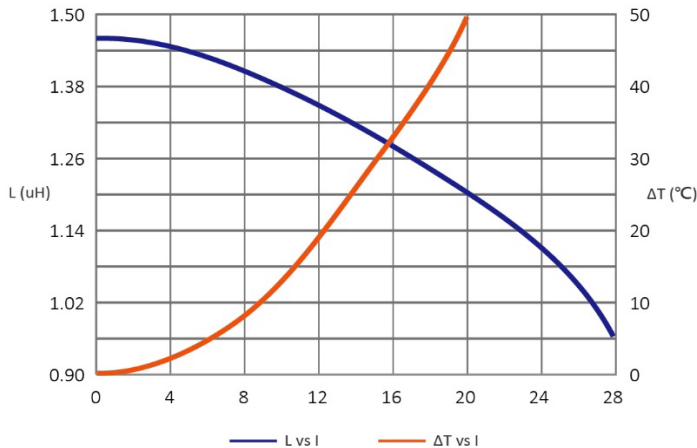
**SAR1350MTR82-M**



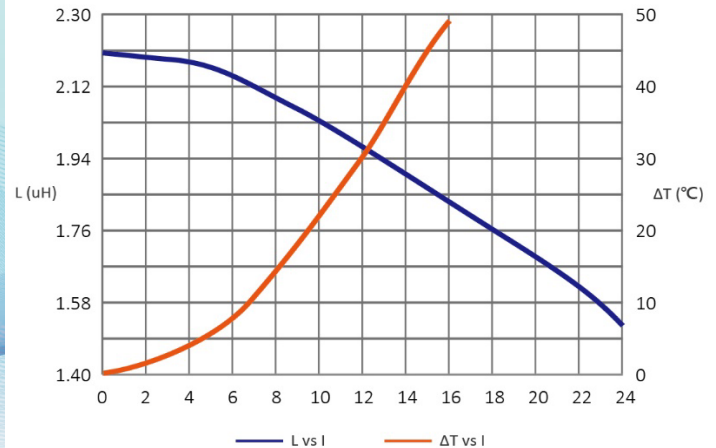
**SAR1350MT1R0-M**



**SAR1350MT1R5-M**

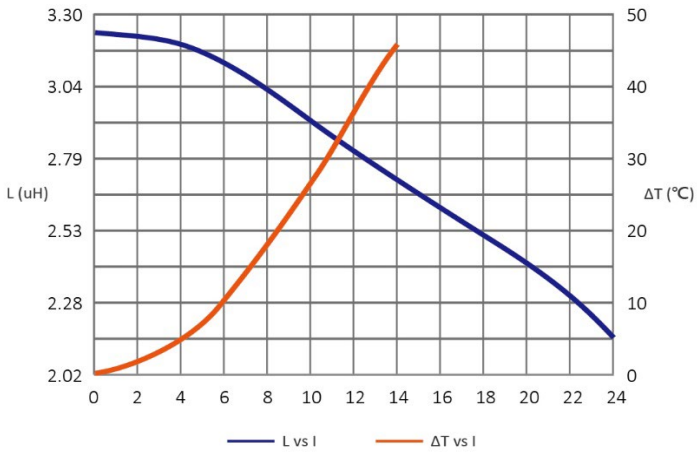


**SAR1350MT2R2-M**

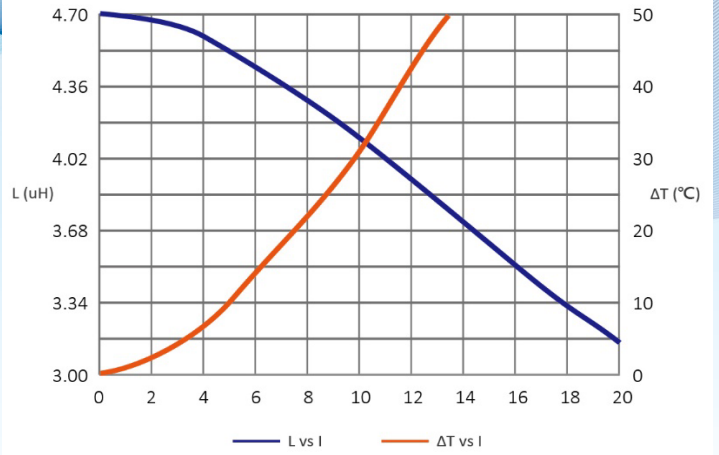




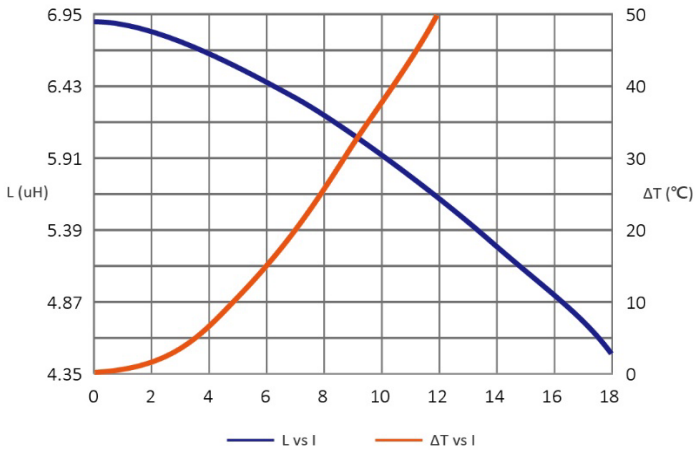
**SAR1350MT3R3-M**



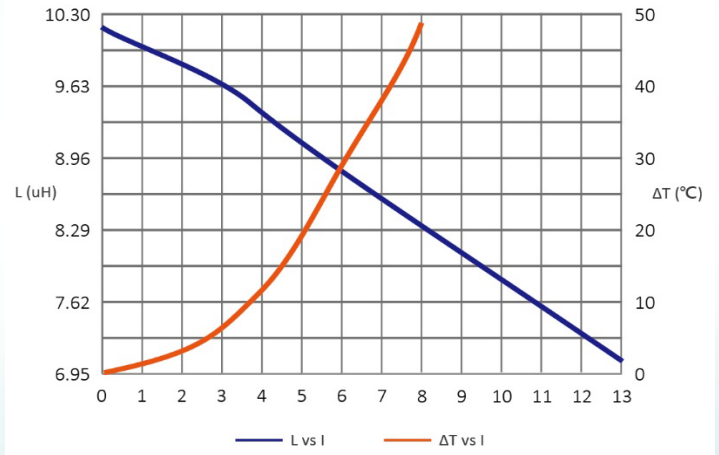
**SAR1350MT4R7-M**



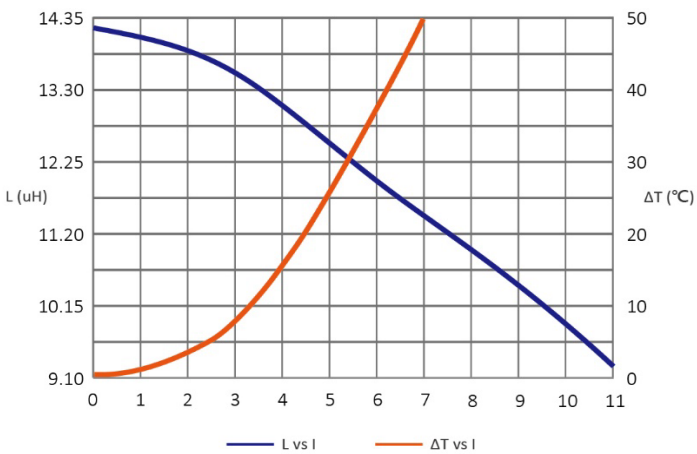
**SAR1350MT6R8-M**



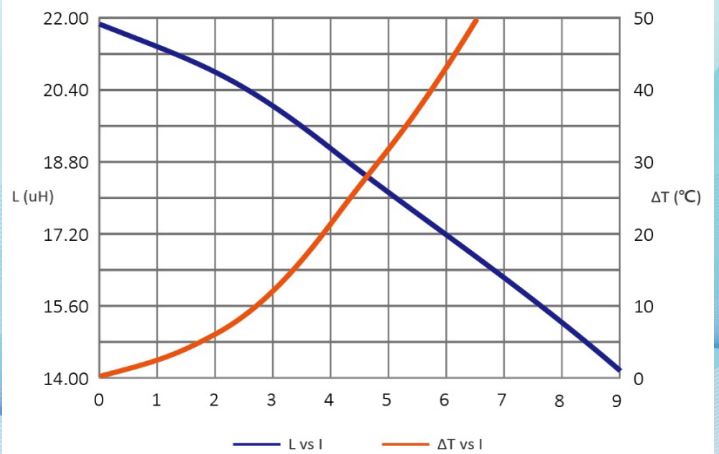
**SAR1350MT100-M**

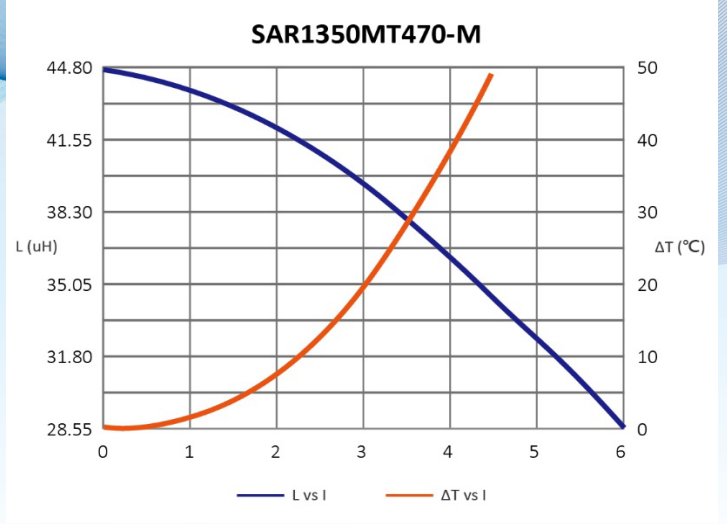
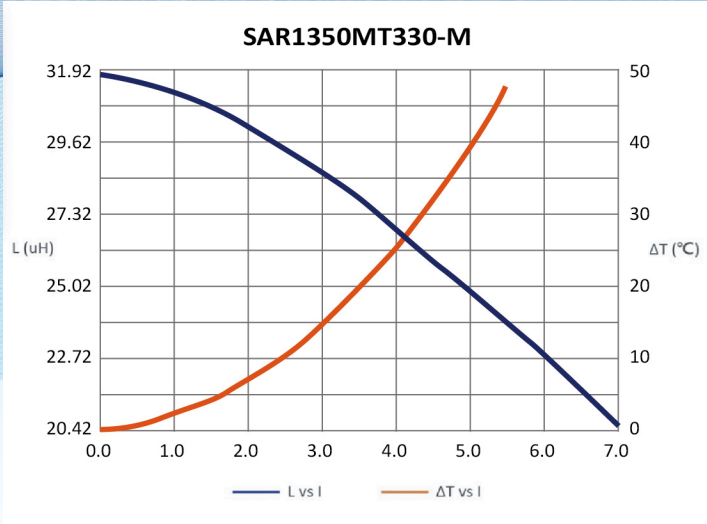


**SAR1350MT150-M**



**SAR1350MT220-M**





**TAPE AND REEL SPECIFICATIONS**

