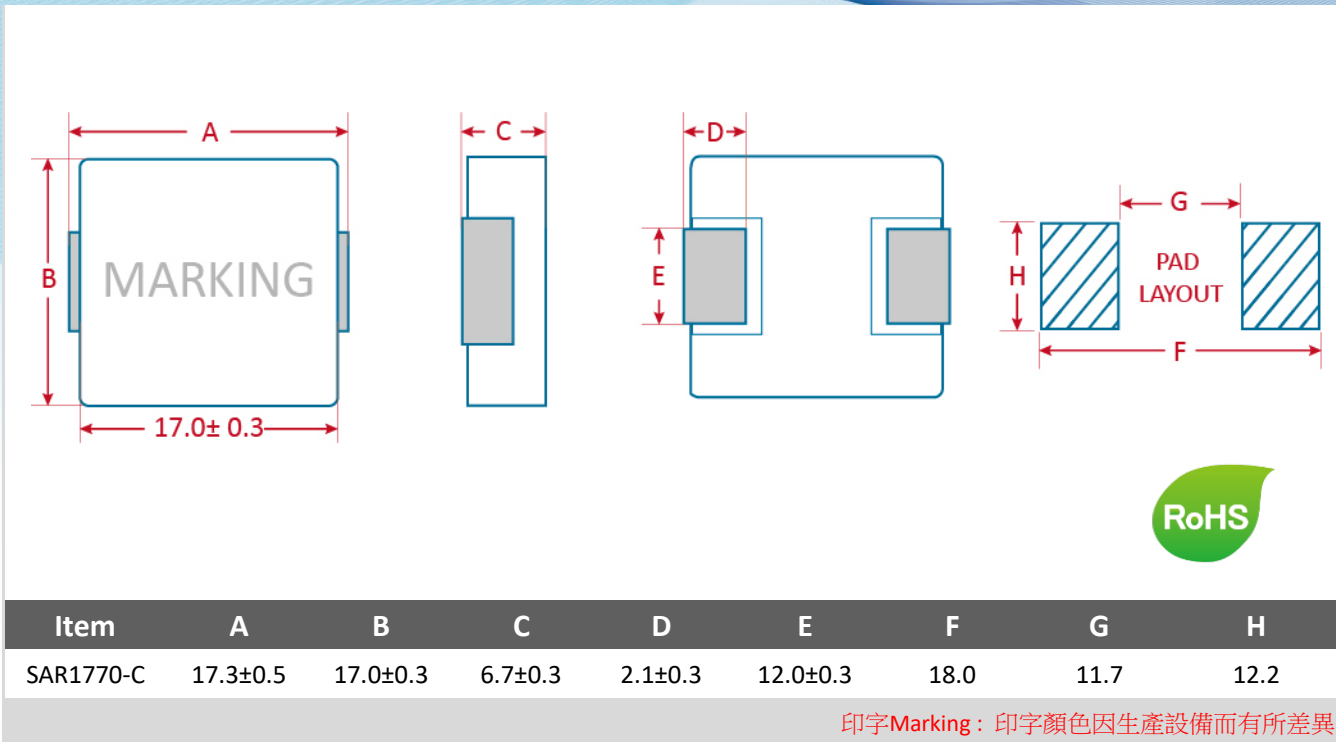


SPECIFICATION FOR APPROVED 樣品承認書

2023
NEW

機構圖 Shape and Dimensions(mm) :



SAR1770-C

Part No.	L(μH)	DCR(mΩ)		Isat(A)	Irms(A)	Tolerance (±%)
		Typ.	Max.	Typ.	Typ.	
SAR1770MT2R2-C	2.2	1.78	1.98	31.0	43.5	±20%
SAR1770MT3R3-C	3.3	2.65	2.93	27.0	35.0	±20%
SAR1770MT4R7-C	4.7	4.00	4.18	23.0	30.0	±20%
SAR1770MT6R8-C	6.8	5.56	6.15	21.0	22.5	±20%
SAR1770MT100-C	10	7.88	9.33	17.0	19.0	±20%
SAR1770MT150-C	15	13.80	14.40	14.0	14.0	±20%
SAR1770MT220-C	22	19.90	21.00	11.5	12.0	±20%
SAR1770MT330-C	33	31.00	37.00	9.0	10.7	±20%
SAR1770MT470-C	47	36.00	42.70	8.6	8.7	±20%
SAR1770MT680-C	68	70.22	75.70	7.0	6.1	±20%
SAR1770MT820-C	82	78.04	91.70	6.2	5.5	±20%

SPECIFICATION FOR APPROVED 樣品承認書

HT 宏信科技股份有限公司
HT-TECH CORPORATION

2023
NEW

Ordering information

SAR - 1770 - MT - 2R2

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

- (1) Type : High Power Inductor
- (2) Size : 1770 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : 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 : -55°C to +125°C

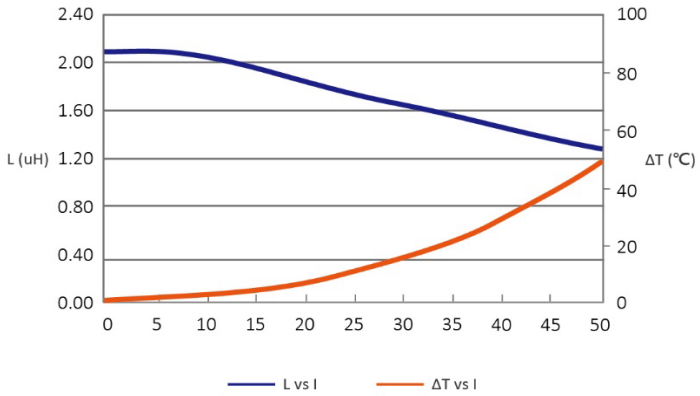
註 : Absolute maximum voltage 30VDC

Test equipment

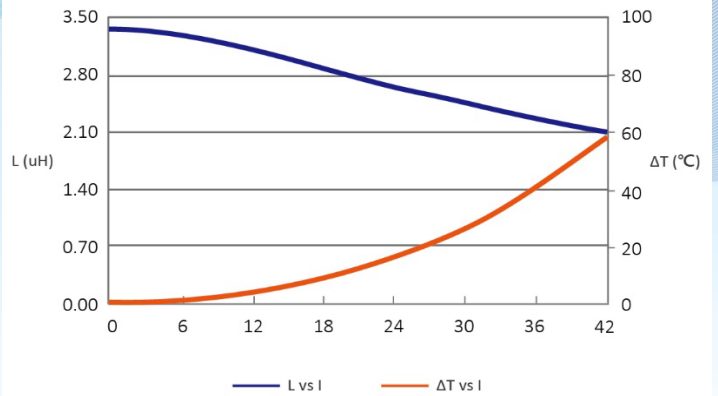
- Test Frequency : 100KHz



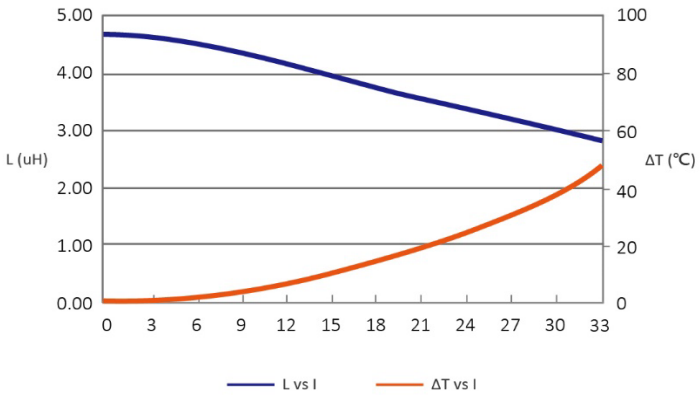
SAR1770MT2R2-C



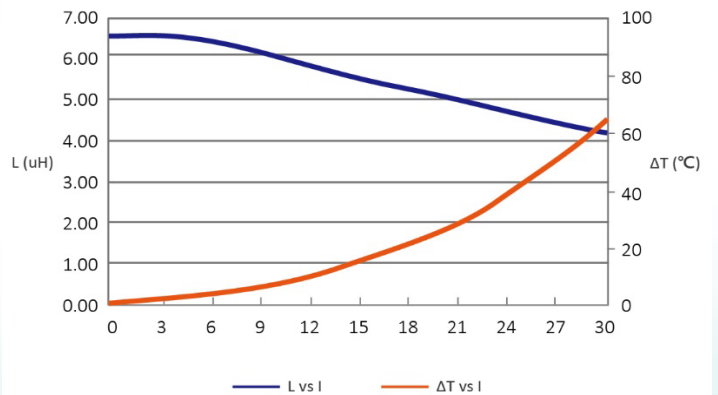
SAR1770MT3R3-C



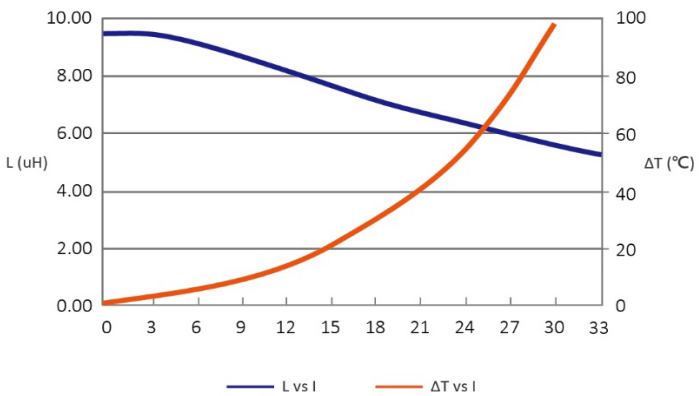
SAR1770MT4R7-C



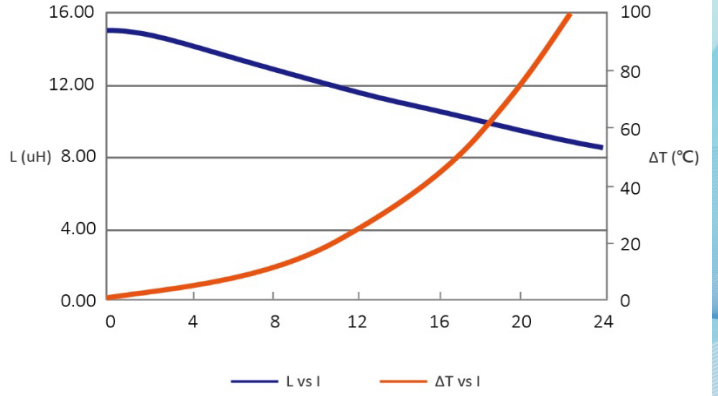
SAR1770MT6R8-C



SAR1770MT100-C

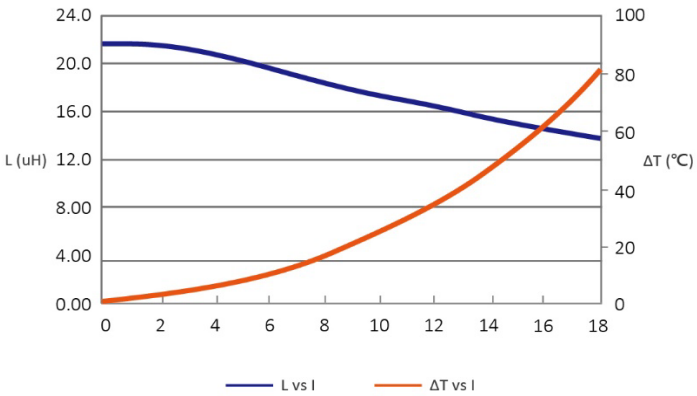


SAR1770MT150-C

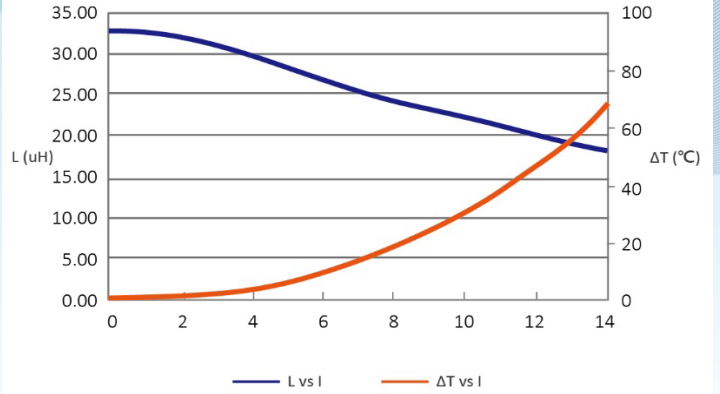




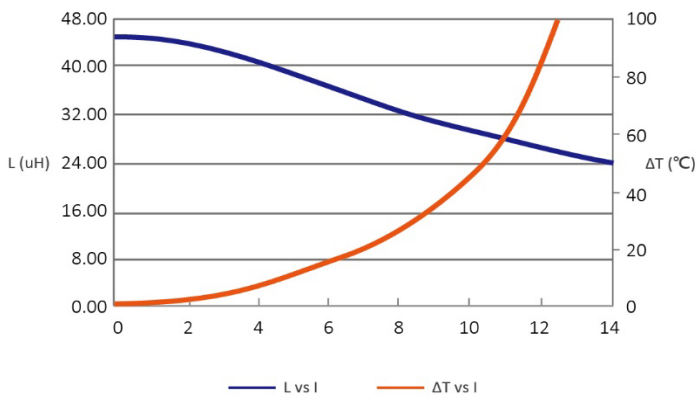
SAR1770MT220-C



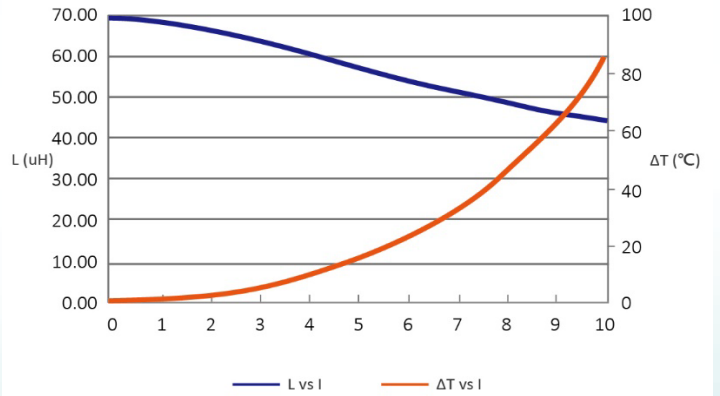
SAR1770MT330-C



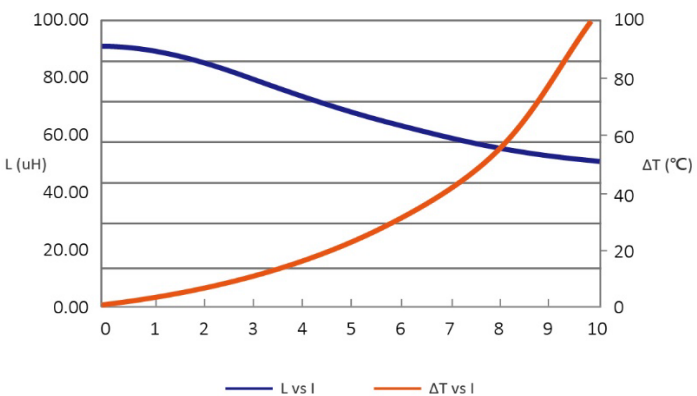
SAR1770MT470-C



SAR1770MT680-C



SAR1770MT820-C



TAPE AND REEL SPECIFICATIONS

