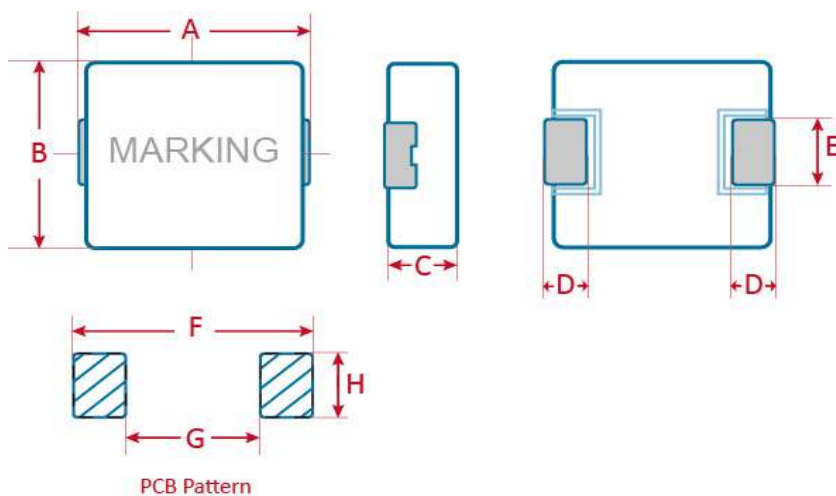


SPECIFICATION FOR APPROVED 樣品承認書

機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAR1365-M	13.8 Max.	12.6 ± 0.2	6.5 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

SAR1365-M

Part No.	L(μH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR1365MT1R0-M	1.0	2.0	36	25	±20%
SAR1365MT2R2-M	2.2	4.2	28	15	±20%
SAR1365MT3R3-M	3.3	6.8	25	13	±20%
SAR1365MT4R7-M	4.7	10	21	12	±20%
SAR1365MT5R6-M	5.6	13	18	11.5	±20%
SAR1365MT6R8-M	6.8	15	16	11	±20%
SAR1365MT100-M	10	20	15	9.0	±20%
SAR1365MT150-M	15	30	10.5	7.0	±20%
SAR1365MT220-M	22	44	7.5	5.8	±20%
SAR1365MT330-M	33	60	6.5	5.5	±20%
SAR1365MT470-M	47	80	6.0	4.5	±20%
SAR1365MT680-M	68	130	5.0	3.5	±20%
SAR1365MT101-M	100	220	4.5	2.5	±20%

Ordering information

SAR - 1365 - MT - 4R7

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

- (1) Type : High Power Inductor
- (2) Size : 1365 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : 4R7 for 4.7uH, 100 for 10uH...

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

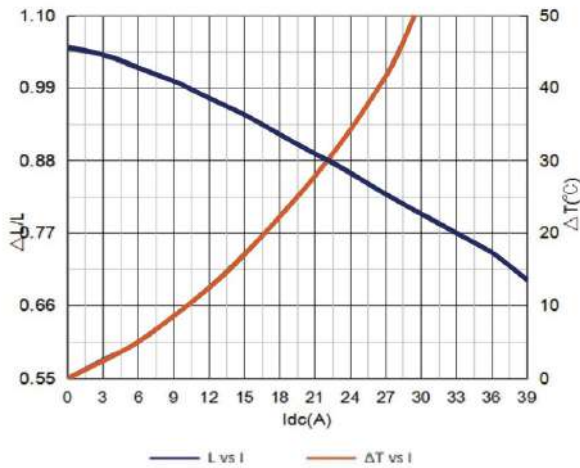
註 : Absolute maximum voltage 30VDC

Test equipment

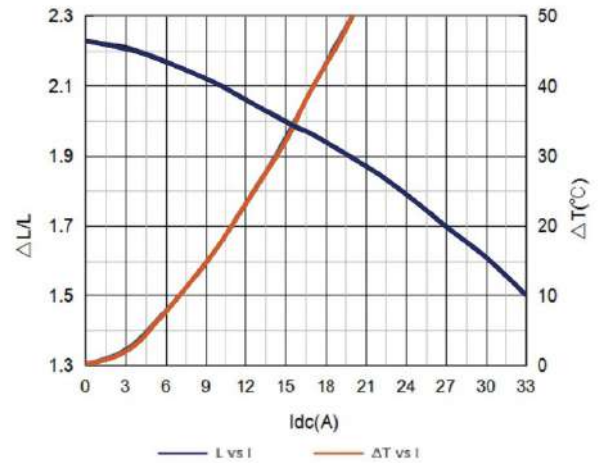
- Test Frequency : 100KHz ,1.0 V.
- L :HP 4284A
- DCR : TH2512B



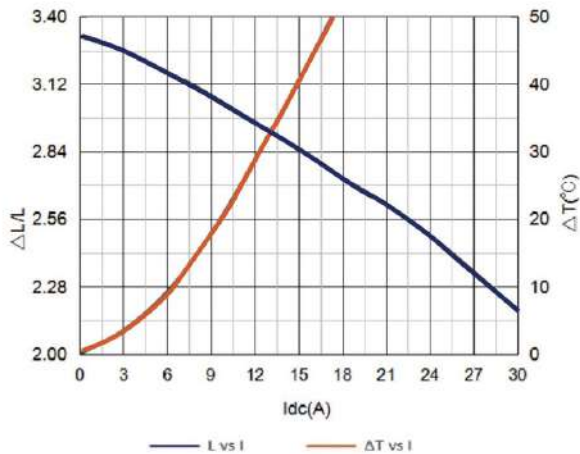
SAR1365MT1R0-M



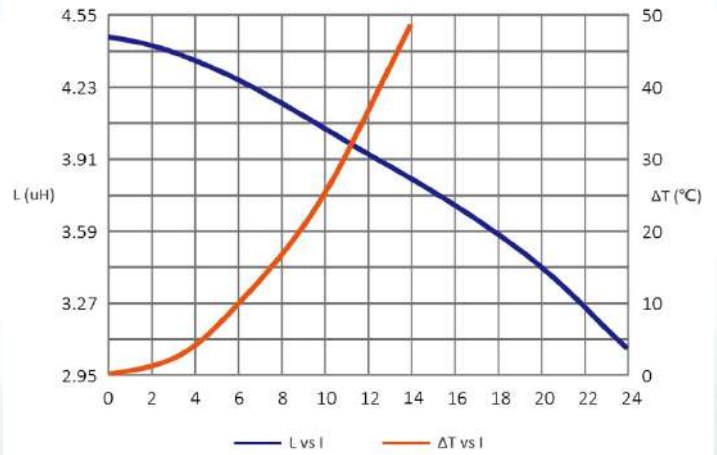
SAR1365MT2R2-M



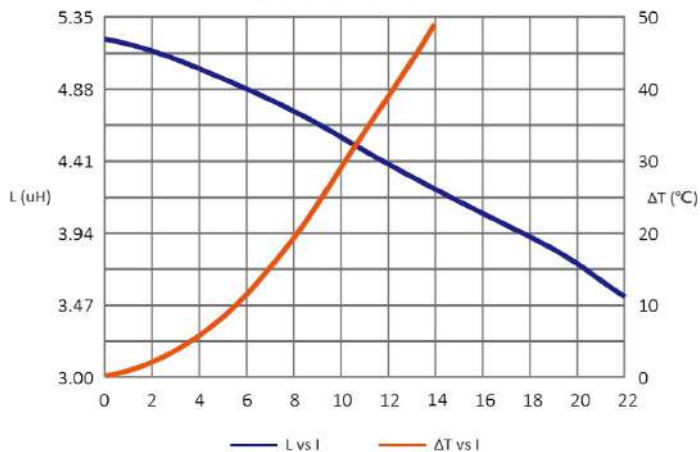
SAR1365MT3R3-M



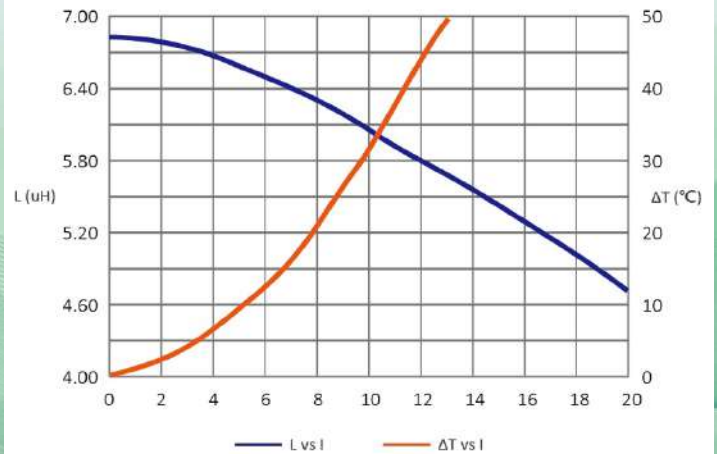
SAR1365MT4R7-M

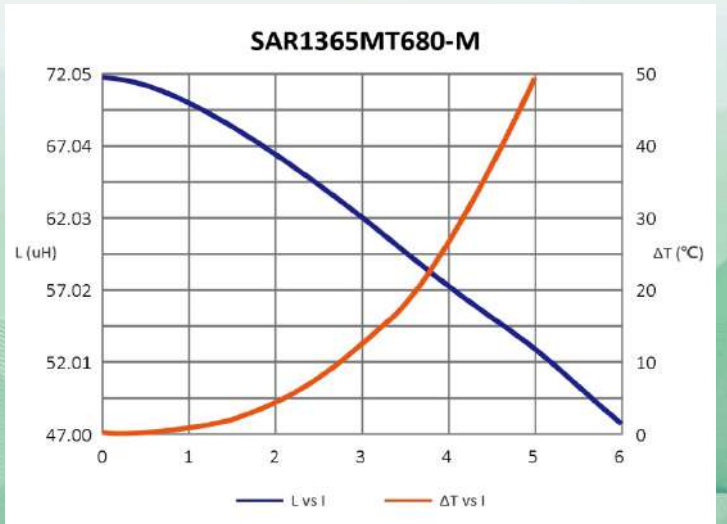
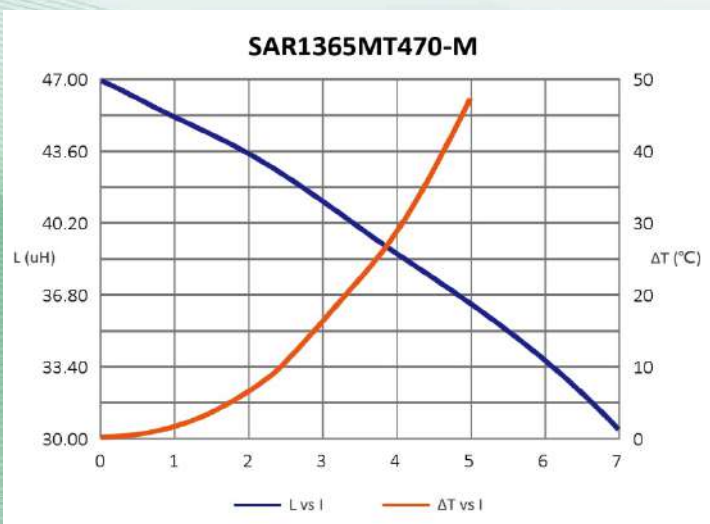
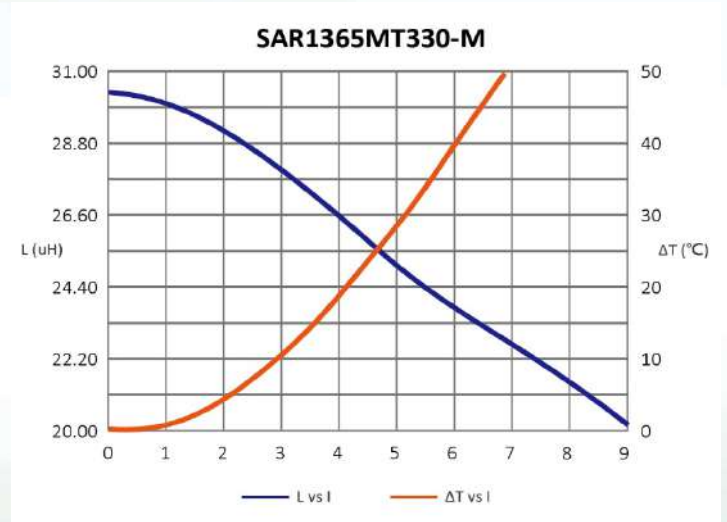
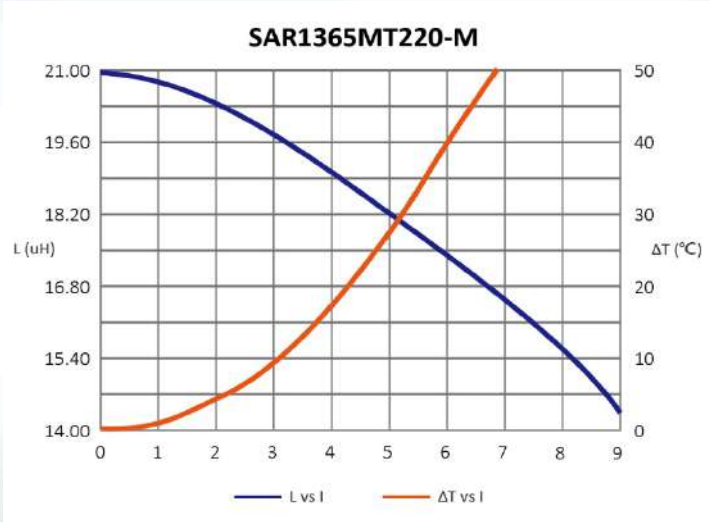
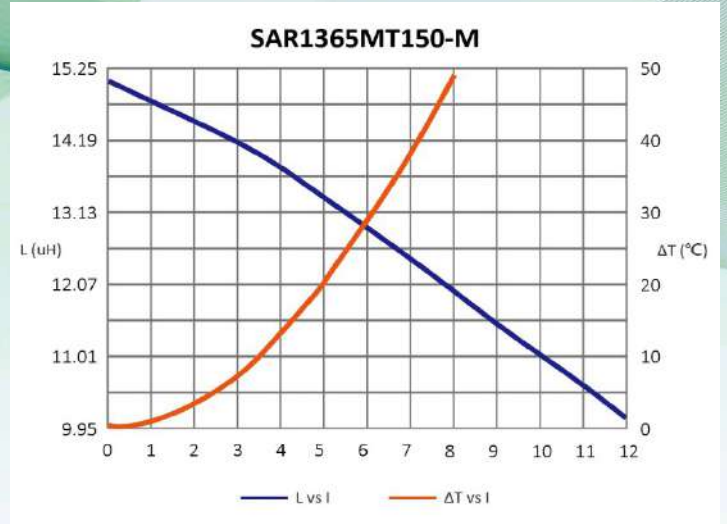


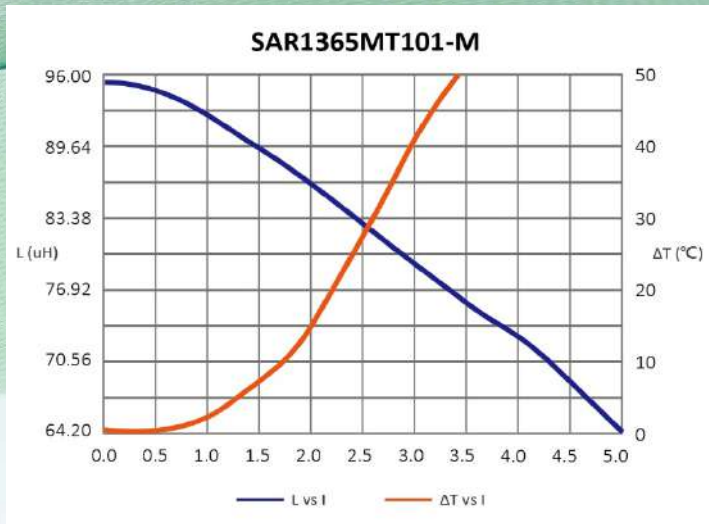
SAR1365MT5R6-M



SAR1365MT6R8-M







TAPE AND REEL SPECIFICATIONS

