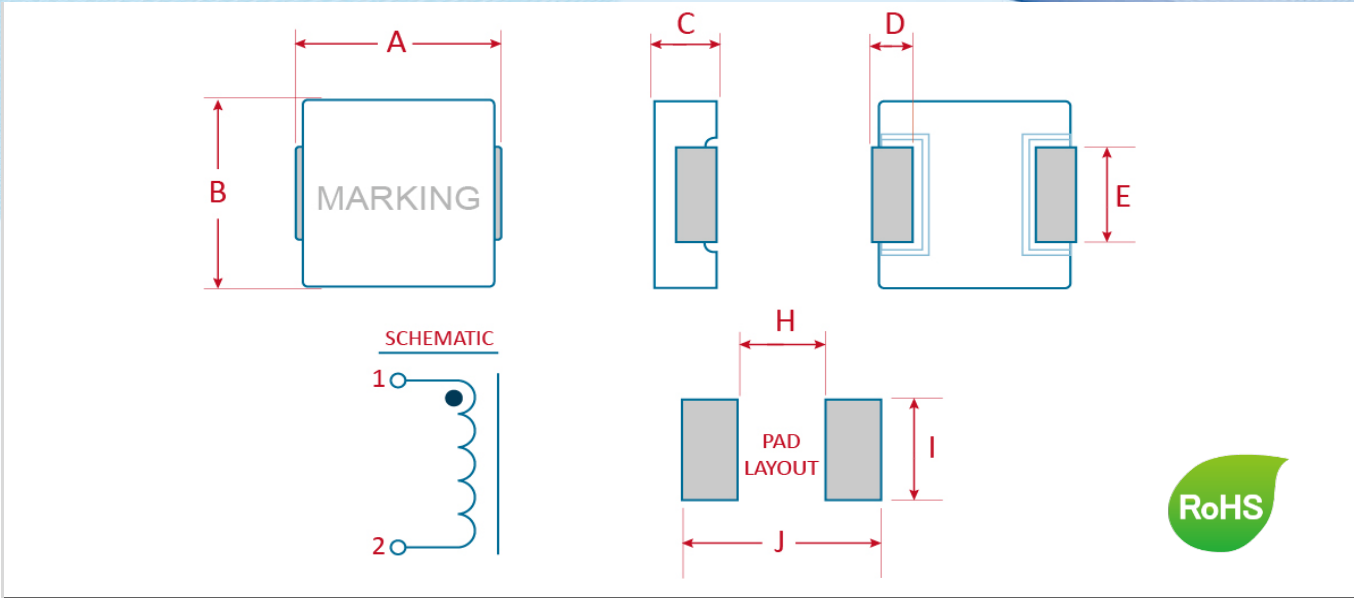


SPECIFICATION FOR APPROVED
樣品承認書

2022
 NEW

機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	H	I	J
SAR7020	7.1±0.2	6.6±0.2	1.8±0.2	1.60±0.3	3.2±0.3	3.70	3.50	8.00

印字Marking：印字顏色因生產設備而有所差異

SAR7020

Part No.	L(uH)	DCR(mΩ)		Isat(A)	Irms(A)	Tolerance (±%)
		Typ.	Max.	Typ.	Typ.	
SAR7020MT2R2	2.2	18.5	22.5	10.5	7.0	±20%
SAR7020MT3R3	3.3	40.0	48.0	9.2	4.8	±20%
SAR7020MT4R7	4.7	41.0	50.0	7.6	4.5	±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 - 7020 - MT - 2R2

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

- (1) Type : High Power Inductor
- (2) Size : 7020 is size
- (3) Tolerance : M=20%
- (4) Packaging style : Taping Reel
- (5) Inductance : R33 for 0.33uH,1R0 for 1.0uH,2R2 for 2.2uH...

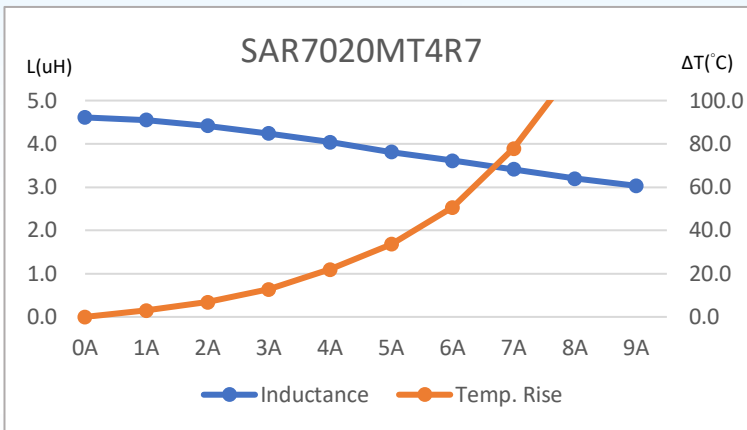
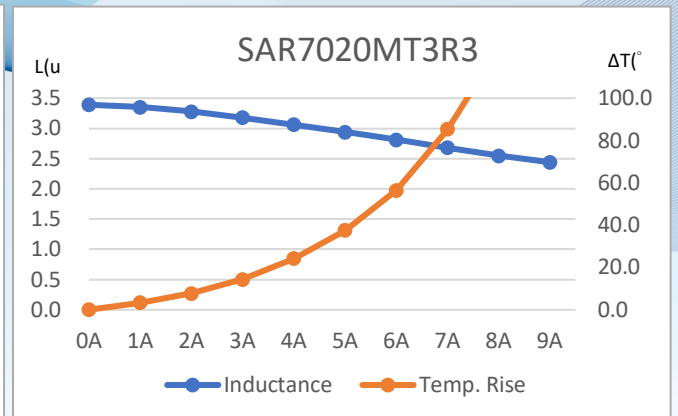
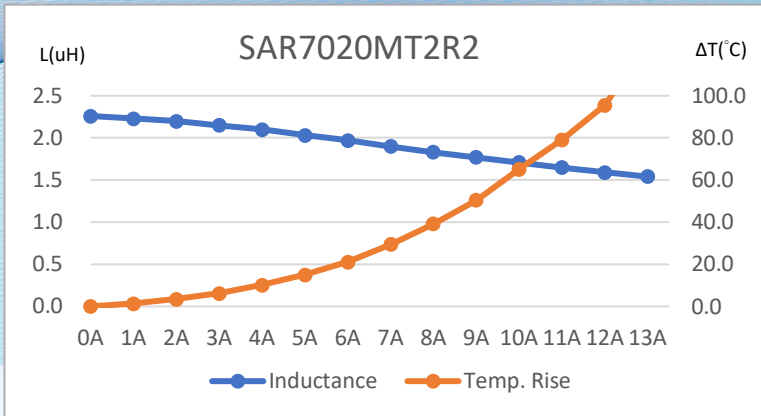
Characteristics

- 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 : -55°C to +125°C

註 : Absolute maximum voltage 30VDC

Test equipment

- Test Frequency : 100KHz ,0.25 Vrms.
- L :WK3260B
- DCR : ChenHwa502



SAR7020MT2R2														
DC BIAS	0A	1A	2A	3A	4A	5A	6A	7A	8A	9A	10A	11A	12A	13A
Inductance	2.26	2.23	2.20	2.15	2.10	2.03	1.97	1.90	1.83	1.77	1.71	1.65	1.59	1.54
Temp. Rise	0.0	1.4	3.5	6.2	10.1	15.0	21.1	29.4	39.2	50.5	65.1	79.1	95.5	125.9

SAR7020MT3R3										
DC BIAS	0A	1A	2A	3A	4A	5A	6A	7A	8A	9A
Inductance	3.39	3.35	3.28	3.18	3.06	2.94	2.81	2.68	2.55	2.44
Temp. Rise	0.0	3.3	7.7	14.4	24.3	37.6	56.4	85.4	124.1	189.5

SAR7020MT4R7										
DC BIAS	0A	1A	2A	3A	4A	5A	6A	7A	8A	9A
Inductance	4.61	4.55	4.42	4.24	4.04	3.81	3.61	3.41	3.20	3.03
Temp. Rise	0.0	3.00	6.9	12.8	21.9	33.6	50.6	77.9	115.2	167.3

TAPE AND REEL SPECIFICATIONS

