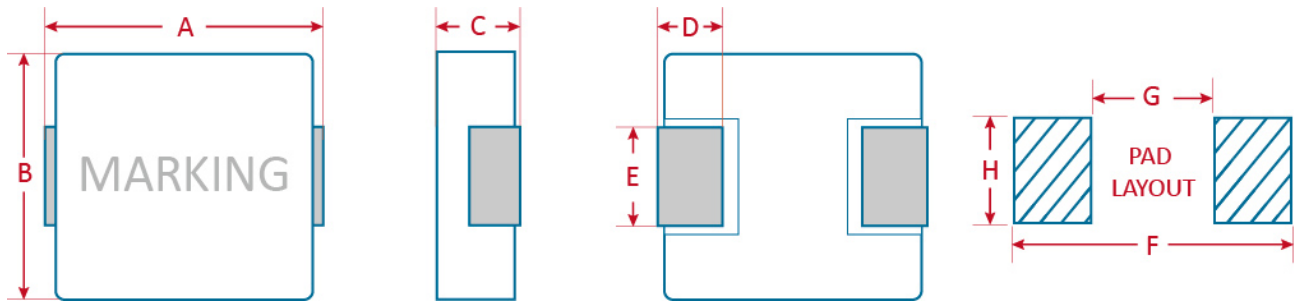




# SPECIFICATION FOR APPROVED 樣品承認書

2022  
NEW

## 機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAR7040	7.0 ± 0.3	6.6 ± 0.2	3.8 ± 0.2	1.6 ± 0.3	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

Part No.	L(uH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAR7040MTR68	0.68	4.8	19.0	17.0	±20%
SAR7040MT1R0	1.0	6.6	16.0	13.5	±20%
SAR7040MT1R5	1.5	10.0	12.5	12.4	±20%
SAR7040MT2R2	2.2	14.0	11.0	10.0	±20%
SAR7040MT3R3	3.3	20.0	9.5	8.5	±20%
SAR7040MT4R7	4.7	30.0	9.0	6.5	±20%
SAR7040MT6R8	6.8	45.0	6.5	5.5	±20%
SAR7040MT100	10.0	65.0	6.0	4.8	±20%
SAR7040MT150	15.0	95.0	4.5	3.7	±20%
SAR7040MT220	22.0	125.0	4.0	3.3	±20%
SAR7040MT330	33.0	240.0	3.0	2.2	±20%
SAR7040MT470	47.0	320.0	2.5	1.8	±20%

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**HT** 宏信科技股份有限公司  
HT-TECH CORPORATION

2022  
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## Ordering information

SAR - 7040 - MT - R68

(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 : 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  $\Delta T$  of 40°C (Typical)
- Operating temperature range : -55°C to +125°C

註 : Absolute maximum voltage 30VDC

## Test equipment

- Test Frequency : 100KHz ,1 Vrms.

**TAPE AND REEL SPECIFICATIONS**

