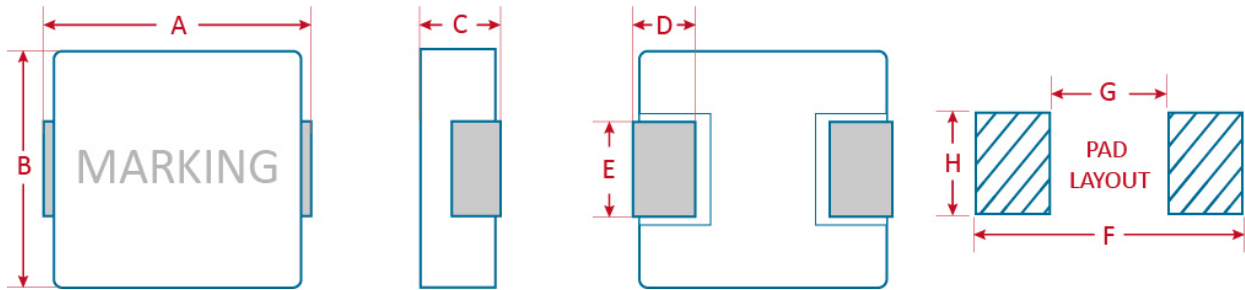




# SPECIFICATION FOR APPROVED 樣品承認書

2022  
NEW

## 機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SAB7050	7.3 ± 0.3	6.6 ± 0.3	4.8 ± 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

## SAB7050

Part No.	L(uH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAB7050MTR22	0.22	1.9	35.0	25.0	±20%
SAB7050MTR33	0.33	3.0	32.0	25.0	±20%
SAB7050MTR47	0.47	3.9	30.0	22.0	±20%
SAB7050MTR68	0.68	4.5	24.0	18.0	±20%
SAB7050MT1R0	1.00	6.5	20.0	15.0	±20%
SAB7050MT1R5	1.50	9.0	16.5	12.0	±20%
SAB7050MT2R2	2.20	12.0	14.0	10.0	±20%
SAB7050MT3R3	3.30	20.9	12.0	8.0	±20%
SAB7050MT4R7	4.70	30.8	10.0	6.5	±20%
SAB7050MT5R6	5.60	49.0	9.0	6.0	±20%
SAB7050MT6R8	6.80	51.5	8.5	5.5	±20%
SAB7050MT8R2	8.20	63.0	8.0	5.0	±20%
SAB7050MT100	10.00	69.0	7.5	4.0	±20%

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Part No.	L(uH)	DCR(mΩ)	Isat(A)	Irms(A)	Tolerance (±%)
		Max.	Typ.	Typ.	
SAB7050MT150	15.00	92.0	6.0	3.5	±20%
SAB7050MT220	22.00	170.0	5.5	2.5	±20%
SAB7050MT330	33.00	200.0	3.5	2.0	±20%

## Ordering information

### SAB - 7050 - MT - R33

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

- ( 1 ) Type : High Power Inductor
- ( 2 ) Size : 7050 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 : -40°C to +125°C

註： Absolute maximum voltage 30VDC

## Test equipment

- Test Frequency : 100KHz ,1.0 Vrms.
- L :WK3260B
- DCR : ChenHwa502

**TAPE AND REEL SPECIFICATIONS**

