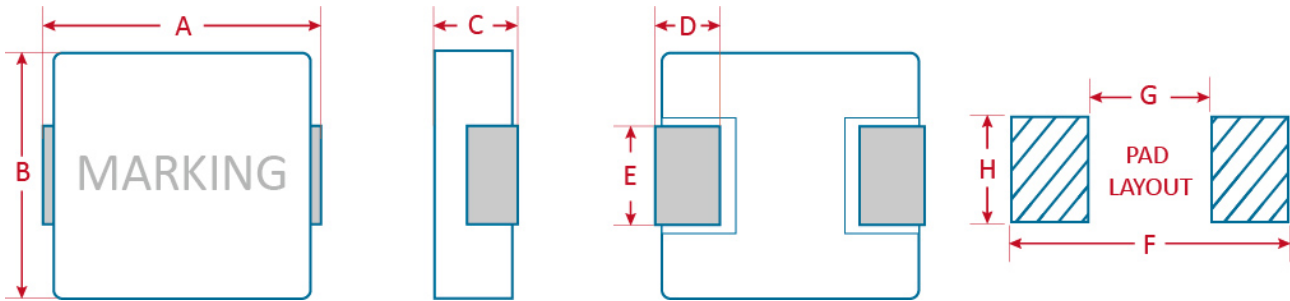


SPECIFICATION FOR APPROVED
樣品承認書

2022
 NEW

機構圖 Shape and Dimensions(mm):



| Item | A | B | C | D | E | F | G | H |
|---------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|
| SAR7050 | 7.0 ± 0.3 | 6.6 ± 0.2 | 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

SAR7050

| Part No. | L(μH) | DCR(mΩ) | Isat(A) | Irms(A) | Tolerance (±%) |
|--------------|-------|---------|---------|---------|-------------------|
| | | Max. | Typ. | Typ. | |
| SAR7050MTR47 | 0.47 | 3.9 | 21.0 | 20.0 | ±20% |
| SAR7050MTR68 | 0.68 | 4.5 | 18.0 | 16.5 | ±20% |
| SAR7050MT1R0 | 1.00 | 6.6 | 16.0 | 12.0 | ±20% |
| SAR7050MT1R5 | 1.50 | 10.0 | 13.0 | 9.5 | ±20% |
| SAR7050MT2R2 | 2.20 | 12.5 | 11.0 | 9.0 | ±20% |
| SAR7050MT3R3 | 3.30 | 22.0 | 10.0 | 8.5 | ±20% |
| SAR7050MT4R7 | 4.70 | 29.0 | 8.0 | 6.0 | ±20% |
| SAR7050MT6R8 | 6.80 | 41.0 | 6.3 | 5.8 | ±20% |
| SAR7050MT8R2 | 8.20 | 48.0 | 5.5 | 5.5 | ±20% |
| SAR7050MT100 | 10.00 | 60.0 | 5.3 | 4.5 | ±20% |
| SAR7050MT150 | 15.00 | 90.0 | 4.0 | 3.1 | ±20% |
| SAR7050MT220 | 22.00 | 140.0 | 3.5 | 2.6 | ±20% |
| SAR7050MT330 | 33.00 | 190.0 | 3.0 | 2.3 | ±20% |
| SAR7050MT470 | 47.00 | 230.0 | 2.6 | 2.0 | ±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 - 7050 - MT - R47

(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 : -55°C to +125°C

註 : Absolute maximum voltage 30VDC

Test equipment

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

TAPE AND REEL SPECIFICATIONS

