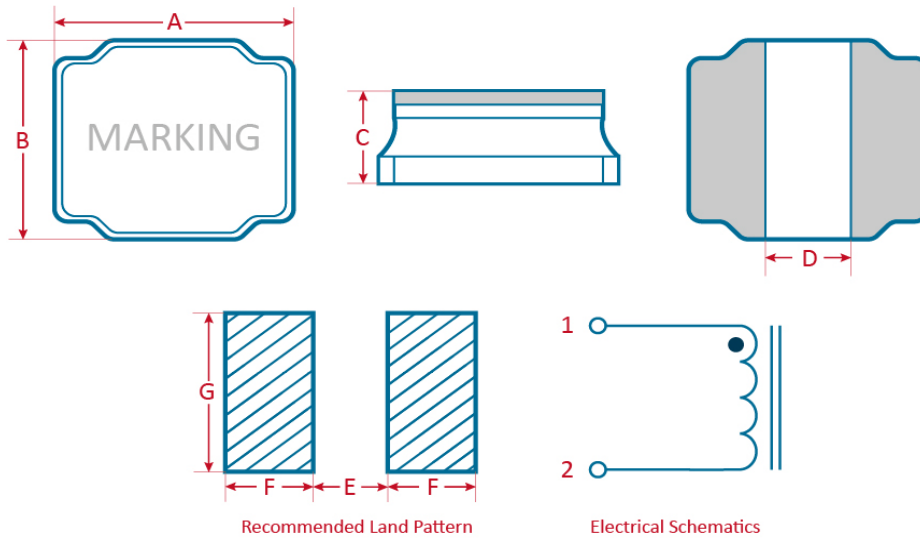


SPECIFICATION FOR APPROVED 樣品承認書

2022
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機構圖 Shape and Dimensions(mm) :



| Item | A | B | C | D | E | F | G |
|----------|---------|---------|----------|----------|----------|----------|----------|
| 規格 Spec. | 6.0±0.3 | 6.0±0.3 | 3.0 Max. | 2.5 Typ. | 1.8 Typ. | 2.4 Typ. | 5.7 Typ. |
| 實測值 Typ. | | | | | | | |

印字Marking : (印字顏色因生產設備而有所差異)

HNT6028-A

| Part No. | L(uH) | DCR(Ω) ±30% | Isat(A) Max. | Irms(A) Max. | SRF(MHz) Min. | Tolerance (±%) |
|----------------|-------|----------------|-----------------|-----------------|------------------|-------------------|
| HNT6028NT1R0-A | 1.0 | 0.012 | 5.75 | 5.20 | 70 | ±30% |
| HNT6028NT1R5-A | 1.5 | 0.015 | 6.00 | 4.58 | 65 | ±30% |
| HNT6028NT2R2-A | 2.2 | 0.020 | 5.10 | 3.75 | 48 | ±30% |
| HNT6028NT3R3-A | 3.3 | 0.025 | 4.15 | 3.48 | 41 | ±30% |
| HNT6028MT4R7-A | 4.7 | 0.030 | 3.00 | 3.08 | 35 | ±20% |
| HNT6028MT6R8-A | 6.8 | 0.047 | 2.60 | 2.40 | 27 | ±20% |
| HNT6028MT100-A | 10 | 0.072 | 2.04 | 1.95 | 23 | ±20% |
| HNT6028MT120-A | 12 | 0.080 | 1.80 | 1.85 | 18 | ±20% |
| HNT6028MT150-A | 15 | 0.125 | 1.75 | 1.45 | 18 | ±20% |
| HNT6028MT180-A | 18 | 0.120 | 1.52 | 1.45 | 15 | ±20% |
| HNT6028MT220-A | 22 | 0.140 | 1.45 | 1.40 | 14 | ±20% |
| HNT6028MT330-A | 33 | 0.185 | 1.35 | 1.22 | 12 | ±20% |
| HNT6028MT470-A | 47 | 0.315 | 1.15 | 1.06 | 9.5 | ±20% |
| HNT6028MT680-A | 68 | 0.360 | 0.80 | 0.86 | 7.7 | ±20% |
| HNT6028MT820-A | 82 | 0.500 | 0.80 | 0.70 | 7.7 | ±20% |
| HNT6028MT101-A | 100 | 0.500 | 0.65 | 0.70 | 7.1 | ±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

HNT- 6028 - MT - 1R0 - A

(1) (2) (3)(4) (5) (6)

- (1) Type : Power Inductor
- (2) Size : 6028 is size
- (3) Tolerance : M=20%, N=30%
- (4) Packaging style : Taping Reel
- (5) Inductance : 1R0 for 1.00uH,2R2 for 2.2uH...
- (6) A : Dodecagon

Characteristics

- Isat : DC current (A) that will cause Lo to drop approximately 30% (Maximum)
- Irms : DC current (A)that will cause an approximate ΔT of 40°C (Maximum)
- Operating temperature range : -40°C to +125°C

Test equipment

- Test Frequency : 100KHz ,1.0V

TAPE AND REEL SPECIFICATIONS

