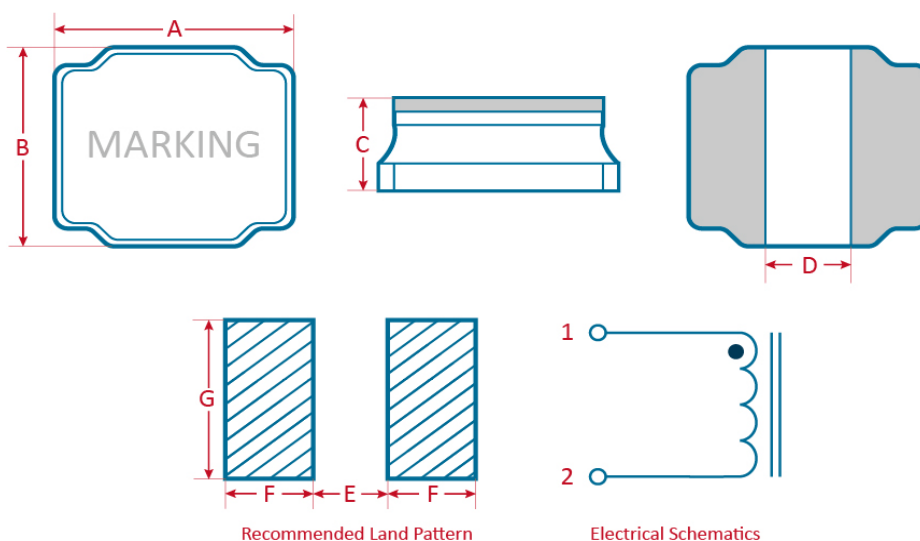




# SPECIFICATION FOR APPROVED 樣品承認書

2022  
NEW

## 機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G
規格 Spec.	4.0±0.2	4.0±0.2	2.1 Max.	1.6 Typ.	1.9 Typ.	1.1 Typ.	3.7 Typ.
實測值 Typ.							

印字Marking : (印字顏色因生產設備而有所差異)

## HNT4020-A

Part No.	L(uH)	DCR(Ω) ±30%	Isat(A) Max.	Irms(A) Max.	SRF(MHz) Min.	Tolerance (±%)
HNT4020NT1R0-A	1.0	0.029	4.78	2.15	75	±30%
HNT4020NT1R2-A	1.2	0.029	5.10	2.15	72	±30%
HNT4020NT1R5-A	1.5	0.035	4.45	1.98	71	±30%
HNT4020NT2R2-A	2.2	0.040	3.40	1.85	49	±30%
HNT4020MT3R3-A	3.3	0.070	3.20	1.40	44	±20%
HNT4020MT4R7-A	4.7	0.075	2.35	1.34	42	±20%
HNT4020MT5R6-A	5.6	0.090	2.20	1.22	30	±20%
HNT4020MT6R8-A	6.8	0.125	2.00	1.04	33	±20%
HNT4020MT8R2-A	8.2	0.125	1.75	1.04	27	±20%
HNT4020MT100-A	10	0.165	1.60	0.90	26	±20%
HNT4020MT150-A	15	0.230	1.35	0.77	24	±20%
HNT4020MT220-A	22	0.350	1.05	0.62	15	±20%
HNT4020MT330-A	33	0.550	0.85	0.49	11	±20%
HNT4020MT470-A	47	0.710	0.74	0.44	10	±20%
HNT4020MT560-A	56	0.800	0.66	0.41	10	±20%
HNT4020MT680-A	68	1.060	0.61	0.36	7.7	±20%
HNT4020MT820-A	82	1.170	0.50	0.34	7.2	±20%
HNT4020MT101-A	100	1.550	0.48	0.31	6.3	±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- 4020 - MT - 1R0 - A

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

- ( 1 ) Type : Power Inductor
- ( 2 ) Size : 4020 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  $\Delta T$  of 40°C (Maximum)
- Operating temperature range : -40°C to +125°C

## Test equipment

- Test Frequency : 100KHz ,1.0V

**TAPE AND REEL SPECIFICATIONS**

