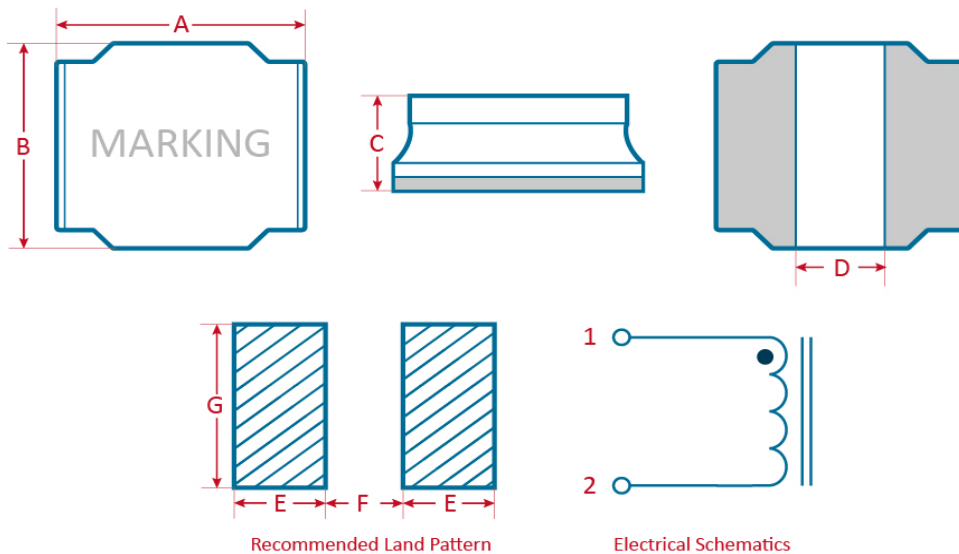




# SPECIFICATION FOR APPROVED 樣品承認書

2022  
NEW

## 機構圖 Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G
規格 Spec.	8.0±0.3	8.0±0.3	4.2 Max.	3.6 Typ.	2.2 Typ.	3.6 Typ.	7.5 Typ.
實測值 Typ.							

印字Marking: (印字顏色因生產設備而有所差異)

## HNT8040-A

Part No.	L(uH)	DCR(Ω)	Isat(A)	Irms(A)	SRF(MHz)	Tolerance
		±30%	Typ.	Typ.	Min.	(±%)
HNT8040NT1R0-A	1.0	0.008	9.85	6.30	89	±30%
HNT8040NT1R5-A	1.5	0.010	8.15	5.65	67	±30%
HNT8040NT2R2-A	2.2	0.012	7.10	5.15	41	±30%
HNT8040NT3R3-A	3.3	0.017	6.50	4.40	27	±30%
HNT8040NT4R7-A	4.7	0.019	5.90	4.10	24	±30%
HNT8040MT6R8-A	6.8	0.024	4.55	3.60	20	±20%
HNT8040MT100-A	10	0.042	3.60	3.30	15	±20%
HNT8040MT150-A	15	0.047	2.95	2.60	12	±20%
HNT8040MT180-A	18	0.053	2.70	2.40	11	±20%
HNT8040MT220-A	22	0.069	2.40	2.10	9.5	±20%
HNT8040MT330-A	33	0.097	2.05	1.80	7.8	±20%
HNT8040MT470-A	47	0.136	1.75	1.55	6.4	±20%
HNT8040MT680-A	68	0.196	1.45	1.25	4.9	±20%
HNT8040MT820-A	82	0.225	1.30	1.15	4.9	±20%
HNT8040MT101-A	100	0.290	1.15	1.00	4.2	±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

HNT- 8040 - MT - 1R0 - A

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

- ( 1 ) Type : Power Choke
- ( 2 ) Size : 8040 is size
- ( 3 ) Tolerance : M=20%, N=30%
- ( 4 ) Packaging style : Taping Reel
- ( 5 ) Inductance : 1R0 for 1.00uH,2R2 for 2.2uH...

## Characteristics

- 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 : -40°C to +125°C

## Test equipment

- Test Frequency : 100KHz ,1 V
- L : MICROTEST 6632 LCR Instrument
- DCR:MICROTEST 6632 Milliohm Meter
- Isat:MICROTEST 6632 LCR Instrument with
- MICROTEST 6223 bias current.
- Irms : MICROTEST 6223 bias current.
- Electrical specifications at 25°C.

**TAPE AND REEL SPECIFICATIONS**

