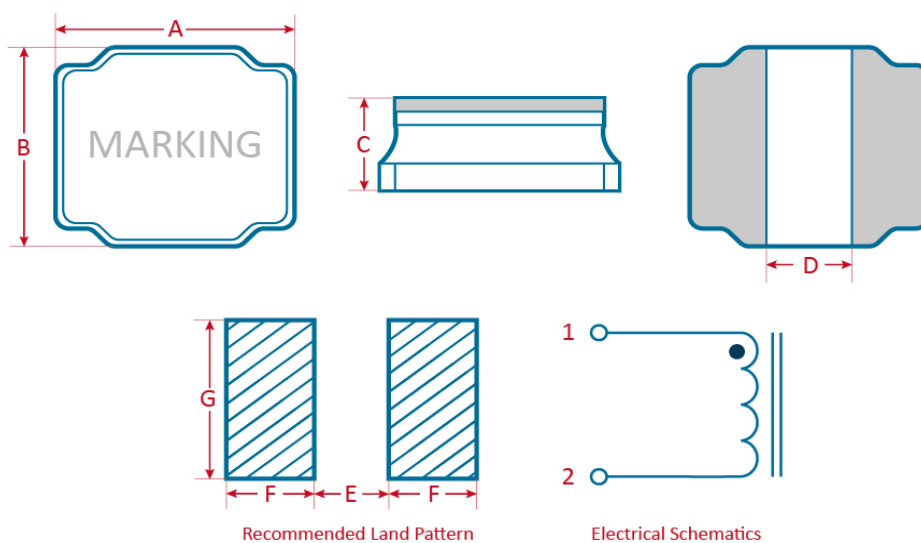




# SPECIFICATION FOR APPROVED 樣品承認書

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	1.8 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)

## HNT4018-A

Part No.	L(uH)	DCR(Ω)	Isat(A)	Irms(A)	SRF(MHz)	Tolerance (±%)
		Max.	Max.	Max.	Min.	
HNT4018NT1R0-A	1.0	0.033	4.80	2.00	80	±30%
HNT4018NT1R5-A	1.5	0.039	3.35	1.80	65	±30%
HNT4018MT2R2-A	2.2	0.059	2.70	1.65	52	±20%
HNT4018MT3R3-A	3.3	0.091	2.45	1.23	44	±20%
HNT4018MT4R7-A	4.7	0.117	1.70	1.20	34	±20%
HNT4018MT6R8-A	6.8	0.143	1.45	1.06	29	±20%
HNT4018MT100-A	10	0.234	1.30	0.84	24	±20%
HNT4018MT150-A	15	0.325	0.94	0.65	19	±20%
HNT4018MT220-A	22	0.468	0.80	0.59	16	±20%
HNT4018MT330-A	33	0.689	0.56	0.49	12	±20%
HNT4018MT470-A	47	0.845	0.57	0.42	10	±20%
HNT4018MT680-A	68	1.300	0.47	0.32	8.3	±20%
HNT4018MT101-A	100	2.275	0.40	0.25	6.5	±20%
HNT4018MT151-A	150	3.250	0.31	0.22	5.5	±20%
HNT4018MT221-A	220	5.200	0.27	0.17	4	±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- 4018 - MT - 1R0 - A

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

- ( 1 ) Type : Power Inductor
- ( 2 ) Size : 4018 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**

