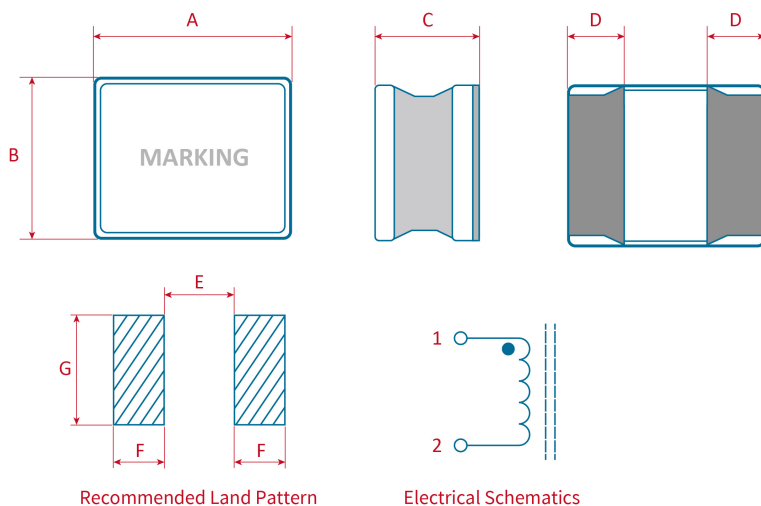




# SPECIFICATION FOR APPROVED 樣品承認書

2022  
NEW

## 機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G
規格 Spec.	3.0±0.2	3.0±0.2	1.25 Max.	1.4 Typ.	1.5 Typ.	0.8 Typ.	2.7 Typ.
實測值 Typ.							

印字Marking : 印字顏色因生產設備而有所差異

## HNT3012-A

Part No.	L(uH)	DCR(Ω)	Isat(A)	Irms(A)	SRF(MHz)	Tolerance (±%)
		±30%	Max.	Max.	Min.	
HNT3012NT1R0-A	1.0	0.040	1.87	2.20	120	±30%
HNT3012NT1R5-A	1.5	0.045	1.62	2.01	110	±30%
HNT3012NT2R2-A	2.2	0.075	1.20	1.55	84	±30%
HNT3012MT3R3-A	3.3	0.100	1.05	1.36	64	±20%
HNT3012MT4R7-A	4.7	0.120	0.90	1.24	61	±20%
HNT3012MT6R8-A	6.8	0.190	0.75	0.98	61	±20%
HNT3012MT100-A	10	0.265	0.60	0.83	42	±20%
HNT3012MT150-A	15	0.360	0.45	0.71	27	±20%
HNT3012MT220-A	22	0.645	0.42	0.53	23	±20%
HNT3012MT330-A	33	0.875	0.36	0.46	18	±20%
HNT3012MT470-A	47	1.450	0.27	0.35	14	±20%
HNT3012MT680-A	68	1.670	0.24	0.33	12	±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- 3012 - MT - 1R0 - A

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

- ( 1 ) Type : Power Inductor
- ( 2 ) Size : 3012 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**

