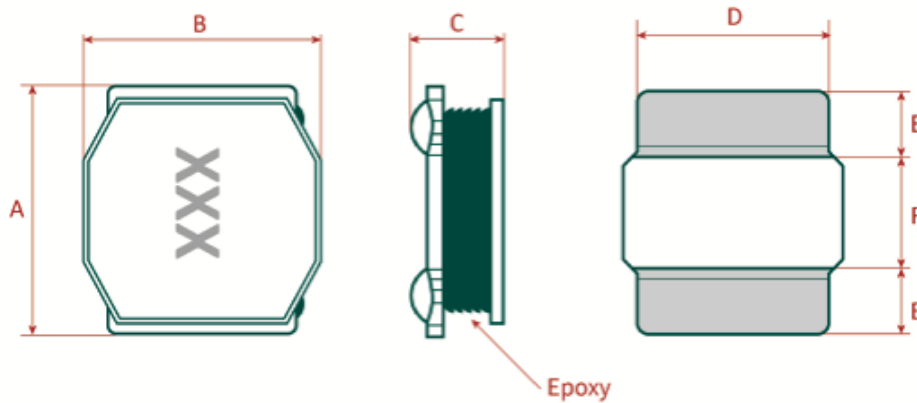


SPECIFICATION FOR APPROVED 樣品承認書

機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F
規格 Spec.	3.0±0.2	3.0±0.2	1.3 Max.	2.85 Ref.	0.9 Ref.	1.2 Ref.

印章規格：1.5×1.2 (黑色) 可噴碼

HNT3012MT-S

Part No.	L (μH)	DCR (mΩ)		Isat (A)	Irms (A)
	@100KHZ / 0.25V	Max.	Typ.	$\Delta L/L_0 \leq 30\%$	$\Delta T \leq 40^\circ\text{C}$
HNT3012MT1R0-S	1.0 ± 20%	60	50	2.00	1.95
HNT3012MT1R2-S	1.2 ± 20%	72	58	1.80	1.75
HNT3012MT1R5-S	1.5 ± 20%	72	58	1.60	1.55
HNT3012MT1R8-S	1.8 ± 20%	95	75	1.50	1.45
HNT3012MT2R2-S	2.2 ± 20%	105	85	1.40	1.35
HNT3012MT2R4-S	2.4 ± 20%	110	88	1.30	1.25
HNT3012MT2R7-S	2.7 ± 20%	110	88	1.14	1.10
HNT3012MT3R3-S	3.3 ± 20%	130	98	1.05	1.00
HNT3012MT3R6-S	3.6 ± 20%	156	138	1.05	1.00
HNT3012MT3R9-S	3.9 ± 20%	156	138	1.00	0.95
HNT3012MT4R7-S	4.7 ± 20%	156	138	0.90	0.85



HNT3012MT5R6-S	5.6 ± 20%	226	175	0.80	0.75
HNT3012MT6R8-S	6.8 ± 20%	247	190	0.75	0.70
HNT3012MT100-S	10 ± 20%	345	290	0.60	0.55
HNT3012MT120-S	12 ± 20%	480	400	0.50	0.45
HNT3012MT150-S	15 ± 20%	492	410	0.45	0.43
HNT3012MT180-S	18 ± 20%	709	570	0.43	0.42
HNT3012MT220-S	22 ± 20%	839	700	0.42	0.40
HNT3012MT270-S	27 ± 20%	1100	760	0.35	0.34
HNT3012MT330-S	33 ± 20%	1130	880	0.34	0.32
HNT3012MT360-S	36 ± 20%	1200	930	0.33	0.30
HNT3012MT390-S	39 ± 20%	1700	1200	0.30	0.28
HNT3012MT470-S	47 ± 20%	1800	1350	0.27	0.26
HNT3012MT560-S	56 ± 20%	1900	1500	0.26	0.25
HNT3012MT680-S	68 ± 20%	2150	1700	0.24	0.22
HNT3012MT820-S	82 ± 20%	3200	2500	0.21	0.20
HNT3012MT101-S	100 ± 20%	3600	2900	0.20	0.18

Ordering information

HNT - 3012 - M - T - 1R0 - S

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

(1) Type : Power Inductor

(2) Size : 3012 is size

(3) Tolerance : S=±20%

(4) Packaging style : Taping Reel

(5) Inductance : R24 for 0.24μH, 1R0 for 1.0μH, 2R2 for 2.2μH, 100 for 10μH...

(6) Item number : S

Characteristics

- All test data is referenced to 25 °C ambient.

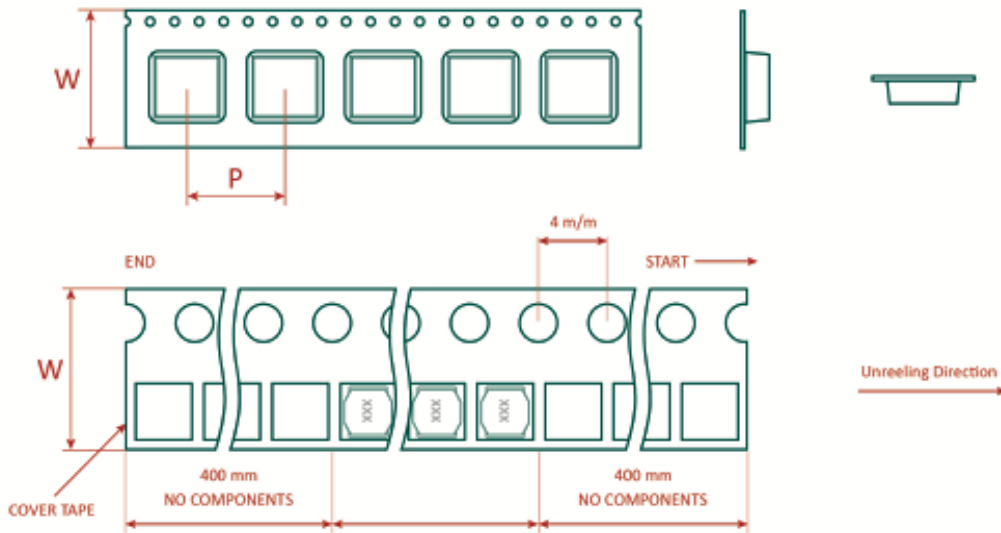
- Isat: DC current at which the inductance drops approximate 30% from its value without current.

- Irms :DC current that will cause an approximate ΔT of 40 °C(reference ambient temperature is 25 °C).

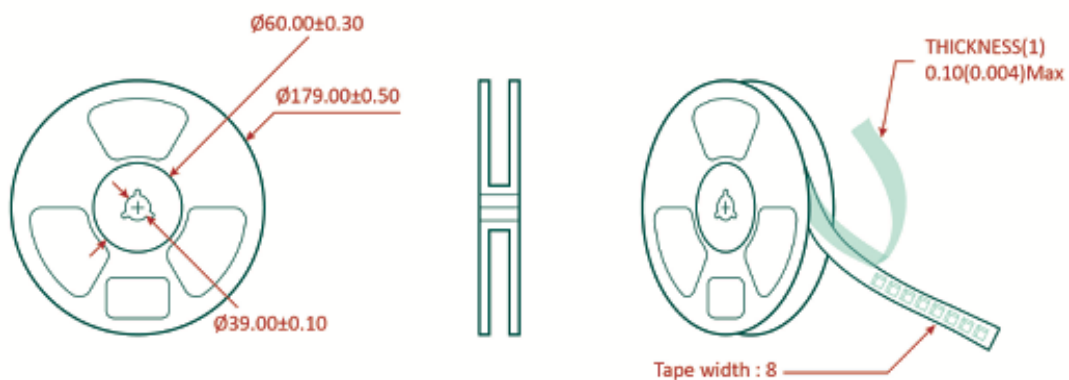
- Operating temperature:-40~+125°C

TAPE AND REEL SPECIFICATIONS

Dimensions in mm



Type	W	P
HNT3012MT-S	8	4



Packing Quantity

2000 Pcs / Reel