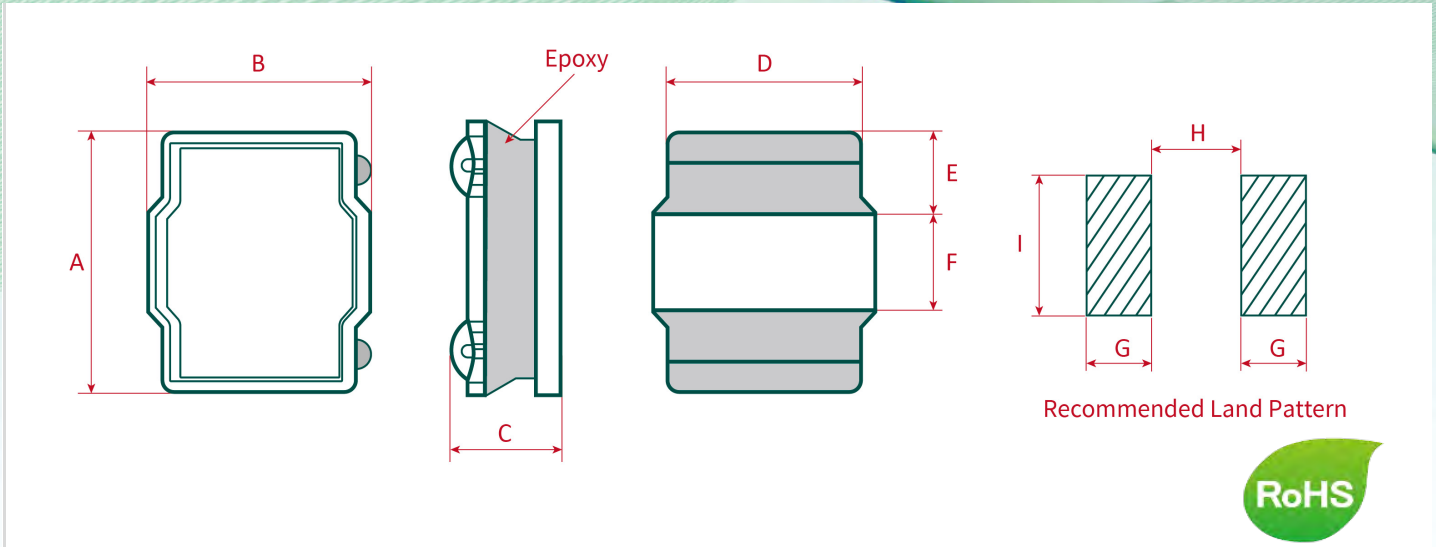


SPECIFICATION FOR APPROVED 樣品承認書

2024
NEW

機構圖 Shape and Dimensions(mm) :



Item	A	B	C	D	E	F	G	H	I
HNT2510-M	2.5 ± 0.2	2.2 ± 0.2	1.05 Max.	1.65 Ref.	0.8 Ref.	0.9 Ref.	0.8 Ref.	0.85 Ref.	2.0 Ref.

印字Marking : N/A

HNT2510-M

Part No.	L (μH)	DCR (mΩ)		Isat (A)	Irms (A)
	@1MHz, 1V	Max.	Typ.	Max.	Max.
HNT2510NTR24-M	0.24±30%	26	21	5.00	4.40
HNT2510NTR33-M	0.33±30%	35	25	4.80	4.00
HNT2510NTR47-M	0.47±30%	45	33	4.40	3.40
HNT2510NTR56-M	0.56±30%	48	39	3.80	3.10
HNT2510NTR68-M	0.68±30%	59	46	3.20	3.00
HNT2510MT1R0-M	1.0±20%	76	60	3.10	2.60
HNT2510MT1R5-M	1.5±20%	106	82	2.60	2.00
HNT2510MT2R2-M	2.2±20%	155	112	1.90	1.80
HNT2510MT3R3-M	3.3±20%	235	175	1.60	1.50
HNT2510MT4R7-M	4.7±20%	276	230	1.30	1.20
HNT2510MT6R8-M	6.8±20%	430	360	1.10	1.00
HNT2510MT100-M	10±20%	520	465	0.90	0.85



2024
NEW

Ordering information

HNT-2510-M-T-R24-M

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

(1) Type: Power Inductor

(2) Size: 2510 is size

(3) Tolerance: M=±20% N=±30%

(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: M

Characteristics

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

- Isat: DC current at which the inductance drops approximate 35% from its value without current.

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

- absolute maximum voltage: DC 25V.

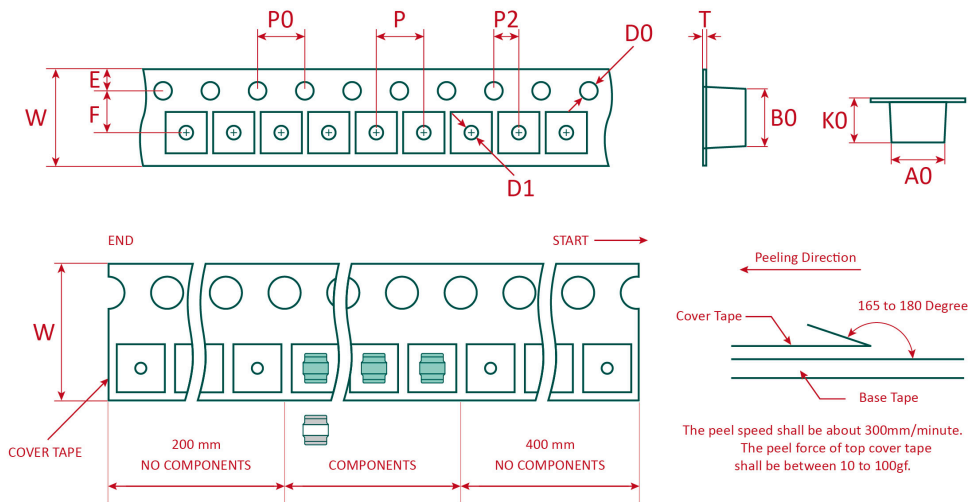
- Operating temperature:-40~+125°C

Test equipment

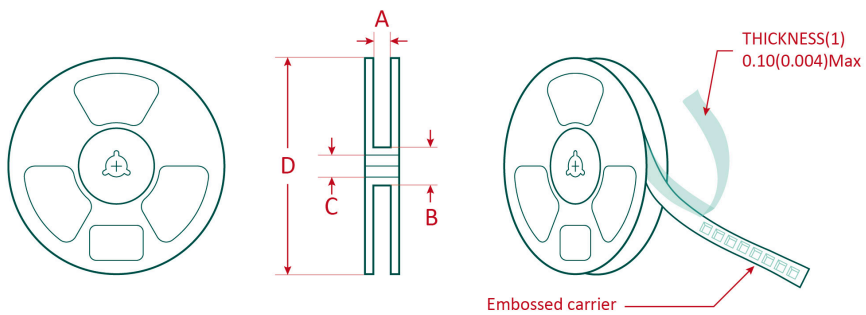
- HP-4285A/CH1062+CH1310/502BC

TAPE AND REEL SPECIFICATIONS

Dimensions in mm



Type	W	P	A0	B0	K0	T	E	F	P2	D0	P0
HNT2510-M	8 ±0.1	4 ±0.1	2.4 ±0.1	2.85 +0.1/-0.05	1.4 ±0.05	0.2 ±0.05	1.75 ±0.1	3.5 ±0.05	2 ±0.05	1.5 +0.1	4 ±0.1



Type	A	B	C	D
HNT2510-M	10 ± 1.5	58.1 ± 1.0	13 ± 1.5	179 ± 1.0

Packing Quantity

2000 Pcs / Reel