



※ Features

- Small and Low profile inductor;
- It corresponds to High current;
- Simple and Shield structure;
- Available tape and reel for auto insertion;
- Lead free products RoHS compliant;



※ Application

- For small DC/DC converter(cellular Phone, LCD/LED/OLED display,HDD,DSC etc);

Part number	Inductance L0(μH)	DCR (mΩ) ±30%	Heat Rating Current DC Amps. Idc (A)	Saturation Current DC Amps Isat (A)	Test Frequency Min (MHz)
HTL-NR4020-1R0N	1.0±30%	29	2.15	4.78	75
HTL-NR4020-2R2N	2.2±30%	40	1.85	3.40	49
HTL-NR4020-3R3N	3.3±30%	70	1.40	3.20	44
HTL-NR4020-4R7M	4.7±20%	75	1.34	2.35	42
HTL-NR4020-6R8M	6.8±20%	125	1.04	2.20	33
HTL-NR4020-100M	10.0±20%	165	0.90	1.60	26
HTL-NR4020-220M	22.0±20%	350	0.62	1.05	15
HTL-NR4026-1R5N	1.5±30%	30	2.30	2.40	100
HTL-NR4026-2R2N	2.2±30%	40	2.00	2.10	96
HTL-NR4026-3R3N	3.3±30%	50	1.70	1.80	58
HTL-NR4026-4R7M	4.7±20%	55	1.60	1.45	46
HTL-NR4026-6R8M	6.8±20%	65	1.50	1.30	33
HTL-NR4026-100M	10.0±20%	85	1.30	1.00	26
HTL-NR4026-220M	22.0±20%	165	0.90	0.60	13
HTL-NR4030-1R0N	1.0±30%	14	4.15	5.26	70
HTL-NR4030-2R2N	2.2±30%	30	2.95	4.90	52
HTL-NR4030-3R3N	3.3±30%	40	2.40	3.30	38
HTL-NR4030-4R7M	4.7±20%	60	2.00	2.90	31
HTL-NR4030-6R8M	6.8±20%	90	1.60	2.75	24
HTL-NR4030-100M	10.0±20%	100	1.50	1.95	21
HTL-NR4030-220M	22.0±20%	225	1.00	1.30	10

※Note:

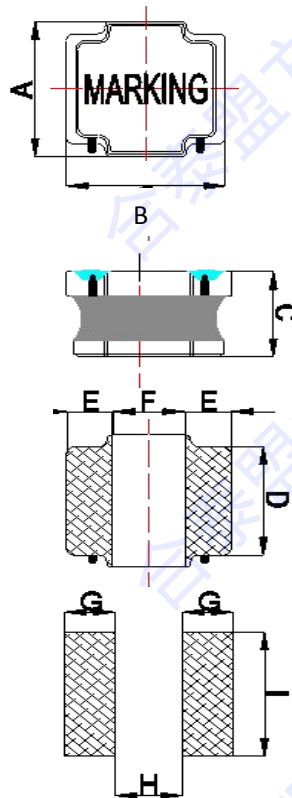
- All test data is reference to 25°C ambient.
- Isat(A):DC current(Isat)that will cause Lo to drop. approximately 30 % Max
- Idc2:DC current(Isat)that will cause an approximate ΔT of 40°C.
- Operate between temperature range:-50°C to +125°C

※ Regulation of Part number

HTL - NR 4020 - 2R2 N
① ② ③ ④ ⑤

- ① Hotland Inductor;
- ② Series Code;
- ③ Dimensions(unit:mm):4.0x4.0x2.0;
- ④ Typical Inductance Value:2R2=2.2μH;
- ⑤ Tolerance:M=±20 %,N=±30 %;

※ Shapes And Dimensions (unit:mm)



Dimensions (mm)		Series
A	4.00 ± 0.20	
B	4.00 ± 0.20	
C	2.00 Max	4020
	2.60 Max	4026
	3.00 Max	4030
D	3.30 ± 0.20	
E	0.95 ± 0.20	
F	2.10 ± 0.20	
G	1.10 Typ	
H	1.90 Typ	
I	3.70 Typ	

Suggested pad layout
Dimensions are in mm