

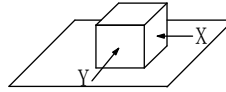
Electrode strength: No electrode detachment should be found when the device is pushed in two directions of X and Y with the force of 10.0N for 10±2 seconds after soldering between copper plate and the electrodes.

Vibration test: (Refer to figure at right) Inductance deviation is within ±10.0% after 1 hour sweeping vibration in each three directions, namely, forward and backward, up and down, right and left. The frequency is 10~55 ~10Hz and the amplitude of 1 minute cycle is 1.5mm PP.

Storage Temperature range : -40℃ ~ +125℃

Operating temperature range: -40℃ ~ +125℃ (Including coil's self temperature rise)

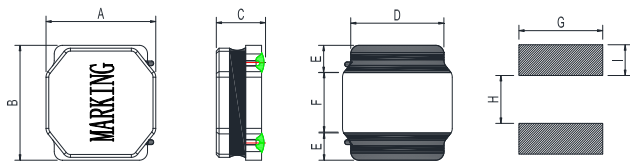
External appearance: No external defects can be found in the visual inspection.



Electrical Specifications@25℃

Part Number	Inductance (uH)	Tolerance (±%)	DCR(mΩ) ±30%	Isat (A)	Irise (A)	Test Condition	Marking
NR4030S-R47N H	0.47	30	11	7.50	4.00	100kHz /0.25V	R47
NR4030S-R56N H	0.56	30	14	6.00	4.00	100kHz /0.25V	R56
NR4030S-1R0N H	1.0	30	15	5.90	3.40	100kHz /0.25V	1R0
NR4030S-1R5N/M H	1.5	30,20	25	4.85	3.30	100kHz /0.25V	1R5
NR4030S-1R8N H	1.8	30	30	4.25	3.20	100kHz /0.25V	1R8
NR4030S-2R2M H	2.2	20	35	4.10	2.95	100kHz /0.25V	2R2
NR4030S-3R3M H	3.3	20	40	3.30	2.40	100kHz /0.25V	3R3
NR4030S-3R6M H	3.6	20	53	3.10	2.30	100kHz /0.25V	3R6
NR4030S-3R9M H	3.9	20	57	3.00	2.10	100kHz /0.25V	3R9
NR4030S-4R7M H	4.7	20	60	2.90	2.00	100kHz /0.25V	4R7
NR4030S-5R6M H	5.6	20	70	2.75	1.95	100kHz /0.25V	5R6
NR4030S-6R8M H	6.8	20	75	2.60	1.70	100kHz /0.25V	6R8
NR4030S-7R5M H	7.5	20	90	2.20	1.65	100kHz /0.25V	7R5
NR4030S-8R2M H	8.2	20	100	2.10	1.60	100kHz /0.25V	8R2
NR4030S-100M H	10	20	115	1.95	1.50	100kHz /0.25V	100
NR4030S-120M H	12	20	140	1.70	1.35	100kHz /0.25V	120
NR4030S-150M H	15	20	190	1.65	1.15	100kHz /0.25V	150
NR4030S-180M H	18	20	215	1.40	1.10	100kHz /0.25V	180
NR4030S-220M H	22	20	225	1.30	1.00	100kHz /0.25V	220
NR4030S-270M H	27	20	320	1.25	0.90	100kHz /0.25V	270
NR4030S-330M H	33	20	330	1.10	0.84	100kHz /0.25V	330
NR4030S-470M H	47	20	500	0.90	0.72	100kHz /0.25V	470
NR4030S-560M H	56	20	560	0.85	0.65	100kHz /0.25V	560
NR4030S-680M H	68	20	750	0.75	0.55	100kHz /0.25V	680
NR4030S-820M H	82	20	950	0.68	0.50	100kHz /0.25V	820
NR4030S-101M H	100	20	1150	0.60	0.45	100kHz /0.25V	101
NR4030S-121M H	120	20	1350	0.55	0.42	100kHz /0.25V	121
NR4030S-151M H	150	20	2350	0.50	0.35	100kHz /0.25V	151
NR4030S-181M H	180	20	2500	0.40	0.35	100kHz /0.25V	181
NR4030S-221M H	220	20	3000	0.40	0.30	100kHz /0.25V	221
NR4030S-331M H	330	20	4400	0.30	0.23	100kHz /0.25V	331
NR4030S-471M H	470	20	5500	0.30	0.20	100kHz /0.25V	471

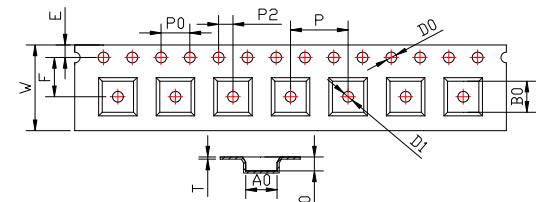
MECHANICAL



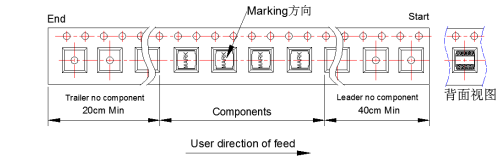
A	B	C	D	E	F	G	H	I
4.0 ± 0.2	4.0 ± 0.2	3.0Max	3.3±0.2	1.0±0.2	2.0±0.3	3.7 Ref	1.9 Ref	1.1 Ref

Dimensions (mm)

TAPING AND PACKING

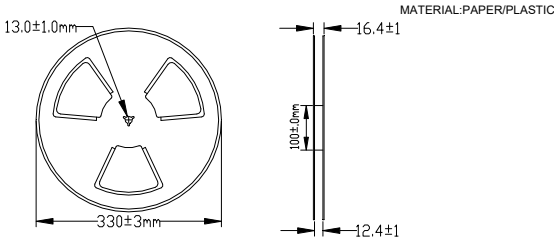
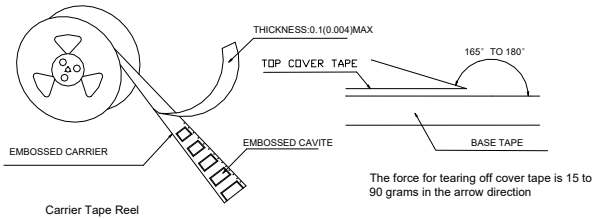
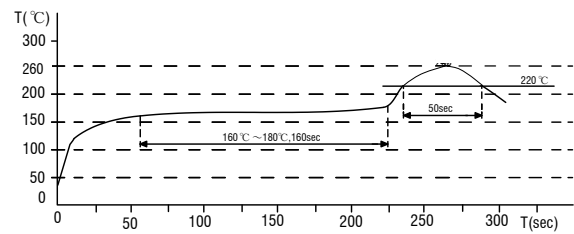


ITEM	W	AD	B0	K0	P	F	E	D0	D1	P0	P2	T
DIM	12.00	4.50	4.50	3.20	8.00	5.50	1.75	1.50	1.50	4.00	2.00	0.30
TOLE	+0.30 -0.10	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	+0.1	+0.1	±0.1	±0.1	±0.05



Quantity (pcs):
2000 PCS PER REEL
3 REELS PER CARTON
6000PCS PER CARTON

RECOMMENDED REFLOW CONDITION:



Dimensions in mm