



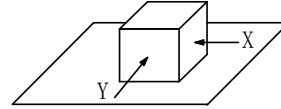
Electrode strength: No electrode detachment should be found when the device is pushed in two directions of X and Y with the force of 10.0N for 10 ± 2 seconds after soldering between copper plate and the electrodes.

Vibration test: (Refer to figure at right) Inductance deviation is within $\pm 10.0\%$ 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 : $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Operating temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (Including coil's self temperature rise)

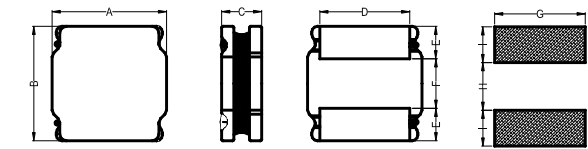
External appearance: No external defects can be found in the visual inspection.



Electrical Specifications @ 25°C

Part Number	Inductance (μH)	Tolerance ($\pm\%$)	DCR($\text{m}\Omega$) $\pm 30\%$	Isat (A)	Irise (A)	Test Condition
NR3015S-R24N H	0.24	30	14	4.80	3.50	1MHz /0.25V
NR3015S-R30N H	0.30	30	15	4.60	3.50	1MHz /0.25V
NR3015S-R47N H	0.47	30	20	4.00	3.50	100KHz /0.25V
NR3015S-R56N H	0.56	30	20	3.30	2.80	100KHz /0.25V
NR3015S-1R0N H	1.0	30	30	2.32	2.10	100KHz /0.25V
NR3015S-1R2N H	1.2	28.5	48	2.20	1.70	100KHz /0.25V
NR3015S-1R5N H	1.5	30	50	2.00	1.70	100KHz /0.25V
NR3015S-1R8N H	1.8	30	55	1.75	1.65	100KHz /0.25V
NR3015S-2R2M H	2.2	20	60	1.60	1.60	100KHz /0.25V
NR3015S-2R7N H	2.7	30	70	1.52	1.50	100KHz /0.25V
NR3015S-3R3M H	3.3	20	80	1.32	1.36	100KHz /0.25V
NR3015S-3R9M H	3.9	20	108	1.20	1.10	100KHz /0.25V
NR3015S-4R7M H	4.7	20	125	1.10	1.09	100KHz /0.25V
NR3015S-5R6M H	5.6	20	170	1.05	1.00	100KHz /0.25V
NR3015S-6R8M H	6.8	20	200	0.85	0.85	100KHz /0.25V
NR3015S-8R2M H	8.2	20	230	0.80	0.75	100KHz /0.25V
NR3015S-100M H	10	20	250	0.72	0.77	100KHz /0.25V
NR3015S-120M H	12	20	288	0.70	0.68	100KHz /0.25V
NR3015S-150M H	15	20	350	0.66	0.65	100KHz /0.25V
NR3015S-180M H	18	20	430	0.56	0.59	100KHz /0.25V
NR3015S-220M H	22	20	460	0.52	0.57	100KHz /0.25V
NR3015S-270M H	27	20	630	0.48	0.46	100KHz /0.25V
NR3015S-330M H	33	20	780	0.44	0.42	100KHz /0.25V
NR3015S-470M H	47	20	1200	0.35	0.32	100KHz /0.25V

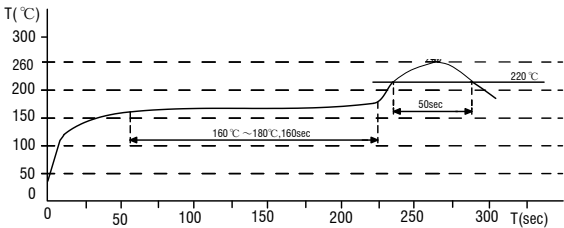
MECHANICAL



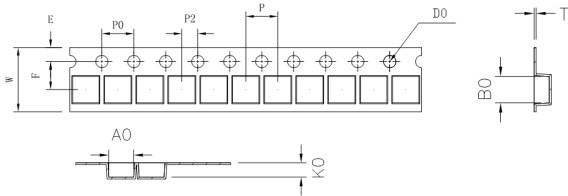
A	B	C	D	E	F	G	H	I
3.0 ± 0.2	3.0± 0.2	1.5Max	2.5±0.3	0.8±0.3	1.4±0.3	2.7Ref	1.5 Ref	0.8 Ref

Dimensions (mm)

RECOMMENDED REFLOW CONDITION:

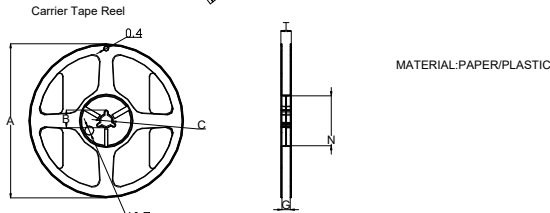
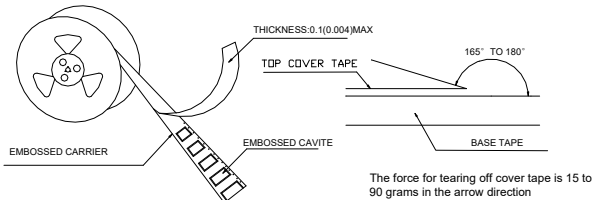


TAPING AND PACKING



TEM	W	A0	B0	K0	P	F	E	D0	P0	P2	T
DIM	8.00	3.3	3.3	1.9	4.00	3.50	1.75	1.50	4.00	2.00	0.25
TOLE	±0.3	±0.05	±0.05	±0.05	±0.1	±0.05	±0.1	+0.1	±0.1	±0.05	±0.05

Quantity (pcs) :
2000 PCS PER REEL
10REELS PER CARTON
20000PCS PER CARTON



Type	A	B	C	G	N	T
8mm	178	20.7±0.8	13±0.4	9	60	10.8

Dimensions in mm