



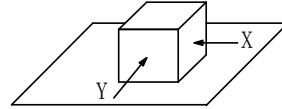
Electrode strength: No electrode detachment should be found when the device is pushed in two directions of X and Y with the force of 10.0N for 10 ± 2 seconds after soldering between copper plate and the electrodes.

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)

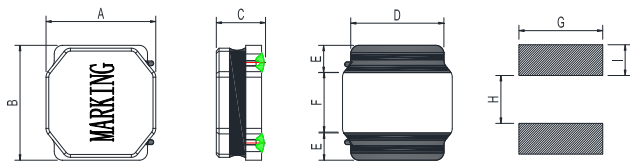
External appearance: No external defects can be found in the visual inspection.



Electrical Specifications @ 25°C

Part Number	Inductance (uH)	Tolerance ($\pm\%$)	DCR(m Ω) $\pm 30\%$	Isat (A)	Irise (A)	Test Condition	Marking
NR4018A-R47N H	0.47	30	18	6.50	4.10	100KHz / 1.0V	R47
NR4018A-1R0N H	1.0	30	27	4.00	3.20	100KHz / 1.0V	1R0
NR4018A-1R5N H	1.5	30	37	3.30	2.40	100KHz / 1.0V	1R5
NR4018A-2R2M H	2.2	20	42	3.00	2.20	100KHz / 1.0V	2R2
NR4018A-3R3M H	3.3	20	55	2.30	2.00	100KHz / 1.0V	3R3
NR4018A-4R7M H	4.7	20	70	2.00	1.70	100KHz / 1.0V	4R7
NR4018A-6R8M H	6.8	20	98	1.60	1.45	100KHz / 1.0V	6R8
NR4018A-100M H	10	20	150	1.30	1.20	100KHz / 1.0V	100
NR4018A-150M H	15	20	210	1.10	0.85	100KHz / 1.0V	150
NR4018A-220M H	22	20	290	0.90	0.72	100KHz / 1.0V	220
NR4018A-330M H	33	20	480	0.70	0.55	100KHz / 1.0V	330
NR4018A-390M H	39	20	780	0.68	0.55	100KHz / 1.0V	390
NR4018A-470M H	47	20	755	0.65	0.60	100KHz / 1.0V	470
NR4018A-680M H	68	20	1000	0.50	0.50	100KHz / 1.0V	680
NR4018A-101M H	100	20	1450	0.42	0.28	100KHz / 1.0V	101

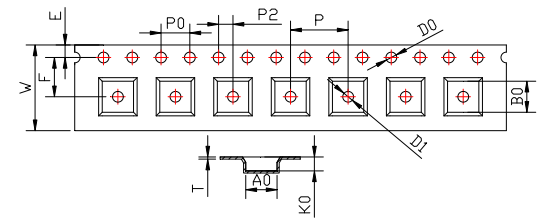
MECHANICAL



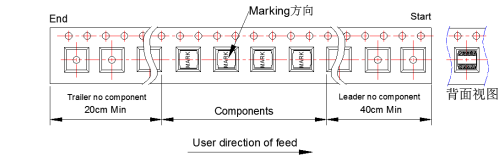
A	B	C	D	E	F	G	H	I
4.0 ± 0.2	4.0 ± 0.2	1.85Max	3.3 ± 0.2	1.0 ± 0.2	2.0 Ref	3.7 Ref	1.9 Ref	1.1 Ref

Dimensions (mm)

TAPING AND PACKING



ITEM	W	A0	B0	K0	P	F	E	D0	D1	P0	P2	T
DIM	12.00	4.35	4.35	1.95	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):
 3000 PCS PER REEL
 3 REELS PER CARTON
 9000PCS PER CARTON

RECOMMENDED REFLOW CONDITION:

