

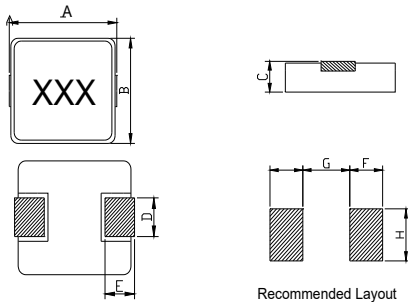
All test data is referenced to 25 C ambient.
Inductance measure condition at 100kHz, 1.0V.
Rated current: Isat or Irms, whichever is smaller.
Saturation current(Isat): the actual value of DC current when the inductance decrease approximately 30% of its initial value.
Temperature rise current(Irms): the actual value of DC current when the temperature rise is $\Delta T40\text{ C}$ ($T_a=25\text{ C}$).
Operating temperature range: -40 C ~ +125 C (Including self-heating).
Storage temperature range: -40 C ~ +125 C (on board)



Electrical Specifications @ 25°C

Part Number	Impedance (uH)	DC Resistance (mΩ) max.	Saturation current (Isat)		Temperature rise current (Irms)	
			(A)Max.	(A)Typ.	(A)Max.	(A)Typ.
0530-100-M H	10.0±20%	120.0	3.0	3.4	2.5	2.8
0530-2R2-M H	2.2±20%	30.0	6.7	7.3	5.5	6.0
0530-150-M H	15.0±20%	180.0	2.3	2.5	2.0	2.8
0530-1R0-M H	1.00±20%	18.0	11.0	11.5	7.0	7.6
0530-3R3-M H	3.30±20%	49.0	5.5	6.0	4.5	5.0
0530-4R7-M H	4.70±20%	60.0	4.4	5.0	3.7	4.1
0530-6R8-M H	6.8±20%	79.0	3.5	3.9	3.1	3.4

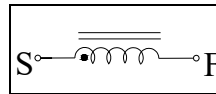
MECHANICAL



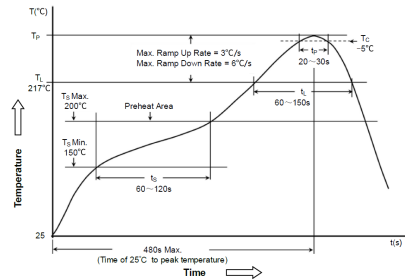
Electrode Coplanarity: 0.1mm Max.

POSITION	A	B	C	D	E	F	G	H
DIMENSION	5.4±0.35	5.1±0.3	3.0Max.	2.3±0.2	1.2±0.3	1.9	2.2	2.5

SCHEMATICS

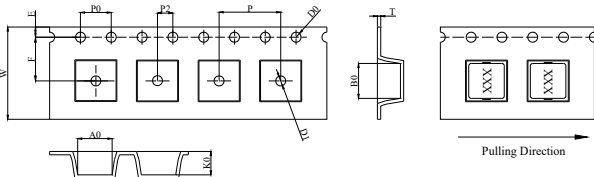


IMPEDEANCE FREQUENCY



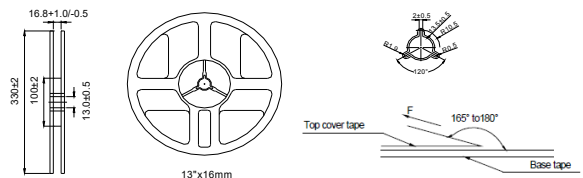
Reel

TAPING AND PACKING



ITEM	W	A0	B0	K0	P	P0	P2	E	F	D0
DIMENSI ONS	+0.3 -0.3	+0.1 -0.1	+0.1 -0.1	+0.1 -0.1	+0.1 -0.1	+0.1 -0.1	+0.1 -0.1	+0.1 -0.1	+0.1 -0.1	+0.10 -0.00

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



Dimensions in mm