

**ABRACON**

**Molded 1008**

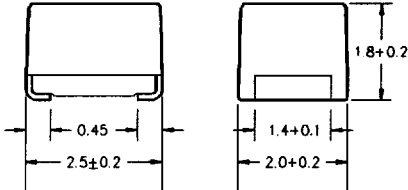
**SURFACE MOUNT INDUCTORS**

**1008M Series**

C O R P O R A T I O N

**1008M**

Dimensions (mm)



Operating Temperature ..... -25°C to +85°C  
 Inductance Tolerance ..... ±10% across inductance range  
 Packaging ..... 2,000/reel, bulk  
 Available Options: ..... Example  
 T=Tape and Reel ..... 1008M121K-T

Part Number	L (nH)	Tolerance	Q min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Allowable DC Curr. max(mA)
1008M121K	120	10%	30	25.2	600	0.37	520
1008M151K	150	10%	30	25.2	550	0.42	480
1008M181K	180	10%	30	25.2	500	0.46	460
1008M221K	220	10%	30	25.2	450	0.52	430
1008M271K	270	10%	30	25.2	425	0.56	420
1008M331K	330	10%	30	25.2	400	0.60	400
1008M391K	390	10%	30	25.2	375	0.65	375
1008M471K	470	10%	30	25.2	350	0.68	350
1008M561K	560	10%	30	25.2	300	0.75	325
1008M681K	680	10%	30	25.2	270	0.85	300
1008M821K	820	10%	30	25.2	250	1.00	260
1008M102J	1000	5%	30	7.96	220	1.10	245
1008M122J	1200	5%	30	7.96	180	1.20	230
1008M152J	1500	5%	30	7.96	135	1.30	220
1008M182J	1800	5%	30	7.96	100	1.45	210
1008M222J	2200	5%	30	7.96	75	1.55	200
1008M272J	2700	5%	30	7.96	55	1.70	195
1008M332J	3300	5%	30	7.96	48	1.90	185
1008M392J	3900	5%	30	7.96	43	2.10	180
1008M472J	4700	5%	30	7.96	40	2.30	175
1008M562J	5600	5%	25	7.96	36	2.50	170
1008M682J	6800	5%	25	7.96	33	2.70	165
1008M822J	8200	5%	25	7.96	30	3.05	160
1008M103J	10000	5%	25	7.96	27	3.50	155
1008M123J	12000	5%	25	7.96	23	3.80	150
1008M153J	15000	5%	25	7.96	20	4.40	140
1008M183J	18000	5%	25	7.96	18	4.80	130
1008M223J	22000	5%	25	7.96	17	5.50	125
1008M273J	27000	5%	25	7.96	16	6.30	115
1008M333J	33000	5%	25	7.96	15	7.10	110
1008M393J	39000	5%	20	7.96	14	9.50	90
1008M473J	47000	5%	20	7.96	13	11.1	80

All specifications subject to change without notice

Letter suffix on part number denotes tolerance: M = ±20%, K = ±10%, J = ±5%

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