

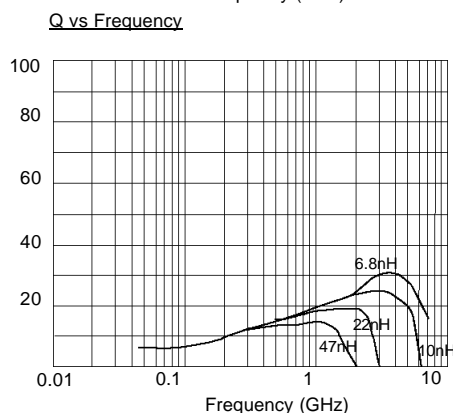
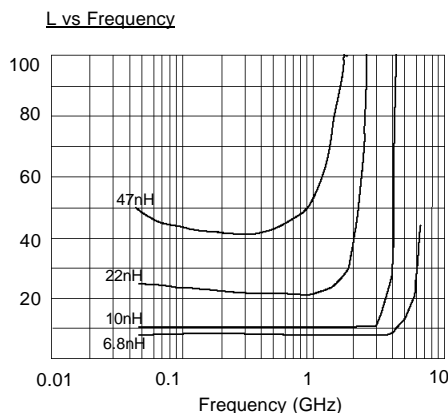


SURFACE-MOUNT CERAMIC CHIP INDUCTORS

AIMC-0201 SERIES

STANDARD SPECIFICATIONS

Part Number ²	L (μH) ¹	Q (MIN)	L,Q Test (MHz)	SRF (MIN) (MHz)	DCR Ω (MAX)	I _{dc} (mA) (MAX)
AIMC-0201-1N0S	1.0	5	100	10000	0.14	250
AIMC-0201-1N2S	1.2	5	100	10000	0.18	250
AIMC-0201-1N5S	1.5	5	100	10000	0.18	230
AIMC-0201-1N8S	1.8	5	100	10000	0.19	200
AIMC-0201-2N2S	2.2	5	100	8800	0.22	200
AIMC-0201-2N7S	2.7	6	100	7700	0.25	200
AIMC-0201-3N3S	3.3	6	100	6700	0.30	180
AIMC-0201-3N9S	3.9	6	100	6000	0.30	170
AIMC-0201-4N7S	4.7	6	100	5300	0.40	150
AIMC-0201-5N6S	5.6	6	100	4600	0.40	150
AIMC-0201-6N8J	6.8	6	100	3900	0.48	150
AIMC-0201-8N2J	8.2	6	100	3400	0.55	150
AIMC-0201-10NJ	10	6	100	2900	0.63	150
AIMC-0201-12NJ	12	6	100	2700	0.70	100
AIMC-0201-15NJ	15	6	100	2300	0.80	100
AIMC-0201-18NJ	18	6	100	2100	0.90	100
AIMC-0201-22NJ	22	6	100	1800	1.20	100
AIMC-0201-27NJ	27	5	100	1800	1.80	50
AIMC-0201-33NJ	33	5	100	1700	2.10	50
AIMC-0201-39NJ	39	5	100	1500	2.40	50
AIMC-0201-47NJ	47	5	100	1300	2.80	50

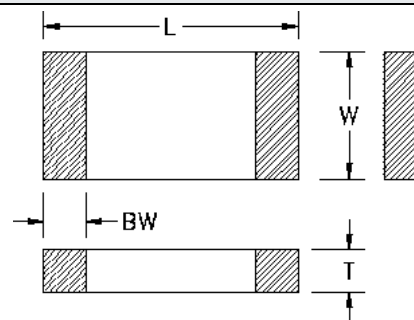


Notes:

1. AIMC-0201-xxxS(J) -T
(-XXXequal inductance value in nH, S = 0.3nH, J = ± 5%, T = Tape and Reel)
2. Tape and Reel is standard: 15,000 pcs per reel.
3. Testing equipment and fixture: HP4291A, 16193A
4. Inductance decreased 5% with I_{dc} applied or ΔT increase of 20°C
5. Operating Temperature: -55°C to +125°C
6. Specifications subject to change without notice

	Length ³ (L)	Width ³ (W)	Thickness ³ (T)	Termination ³ (BW)
AIMC-0402	0.024±0.001 (0,60±0,03)	0.012±0.001 (0,30±0,03)	0.012±0.001 (0,30±0,03)	0.006±0.002 (0,15±0,05)

PHYSICAL CHARACTERISTICS



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