



SURFACE-MOUNT MULTILAYER CHIP INDUCTORS

AIML-1206 SERIES

STANDARD SPECIFICATIONS

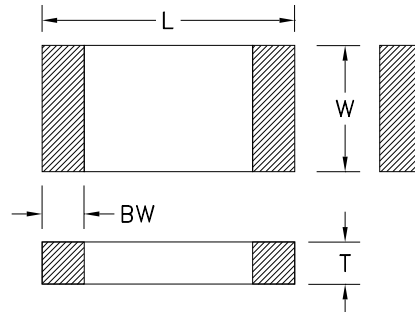
Part Number ²	L (mH ¹)	Q (MIN)	L,Q Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	I _{DC} (mA) (MAX)
AIML-1206-R047M	0.047	20	50	320	0.15	300
AIML-1206-R068M	0.068	20	50	280	0.25	300
AIML-1206-R10K	0.10	20	50	235	0.25	250
AIML-1206-R12K	0.12	20	25	220	0.30	250
AIML-1206-R15K	0.15	20	25	200	0.30	250
AIML-1206-R18K	0.18	20	25	185	0.40	250
AIML-1206-R22K	0.22	20	25	170	0.40	250
AIML-1206-R27K	0.27	20	25	150	0.50	250
AIML-1206-R33K	0.33	20	25	145	0.60	250
AIML-1206-R39K	0.39	25	25	135	0.50	200
AIML-1206-R47K	0.47	25	25	125	0.60	200
AIML-1206-R56K	0.56	25	25	115	0.70	150
AIML-1206-R38K	0.68	25	25	105	0.80	150
AIML-1206-R82K	0.82	25	25	100	0.90	150
AIML-1206-1R0K	1.0	45	10	75	0.40	100
AIML-1206-1R2K	1.2	45	10	65	0.50	100
AIML-1206-1R5K	1.5	45	10	60	0.50	50
AIML-1206-1R8K	1.8	45	10	55	0.50	50
AIML-1206-2R2K	2.2	45	10	50	0.60	50
AIML-1206-2R7K	2.7	45	10	45	0.60	50
AIML-1206-3R3K	3.3	45	10	41	0.70	50
AIML-1206-3R9K	3.9	45	10	38	0.80	50

Part Number ²	L (mH ¹)	Q (MIN)	L,Q Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	I _{DC} (mA) (MAX)
AIML-1206-4R7K	4.7	45	10	35	0.90	50
AIML-1206-5R6K	5.6	50	4	32	0.70	25
AIML-1206-6R8K	6.8	50	4	29	0.80	25
AIML-1206-8R2K	8.2	50	4	26	0.90	25
AIML-1206-100K	10	50	2	24	1.00	25
AIML-1206-120K	12	50	2	22	1.05	15
AIML-1206-150K	15	35	1	19	0.70	5
AIML-1206-180K	18	35	1	18	0.70	5
AIML-1206-220K	22	35	1	16	0.90	5
AIML-1206-270K	27	35	1	14	0.90	5
AIML-1206-330K	33	35	1	13	1.05	5
AIML-1206-390K	39	40	2	11	3.00	5
AIML-1206-470K	47	40	2	10	3.40	5
AIML-1206-560K	56	40	2	9.5	3.80	4
AIML-1206-680K	68	40	1	9.5	3.00	4
AIML-1206-820K	82	40	1	9.0	3.40	4
AIML-1206-101K	100	40	1	8.0	3.80	4
AIML-1206-121K	120	30	0.4	6.0	3.00	2
AIML-1206-151K	150	30	0.4	5.5	3.40	2
AIML-1206-181K	180	30	0.4	5.0	3.80	2
AIML-1206-221K	220	30	0.4	4.5	4.20	2

Notes:

1. Tolerance specified as : J = 5%, K = 10%, M = 20%
2. Letter suffix indicates standard tolerance
3. Dimensions: inches / mm; see spec sheet for tolerance limits
4. Specifications subject to change without notice

PHYSICAL CHARACTERISTICS



	Length ³ (L)	Width ³ (W)	Thickness ³ (T)	Termination ³ (BW)
AIML-1206	0.125±0.008 (3,2±0,2)	0.063±0.008 (1,6±0,2)	0.024±0.008 (0,6±0,3)	0.020±0.012 (0,50±0,3)



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