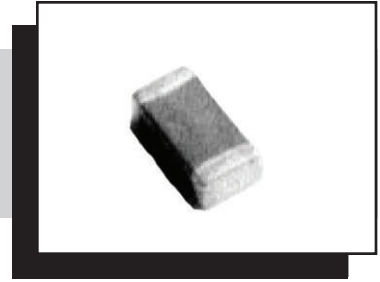


SURFACE-MOUNT MULTILAYER CHIP INDUCTORS

AIML-0805 SERIES



STANDARD SPECIFICATIONS

Part Number ²	L (mH ¹)	Q (MIN)	L,Q Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	IDC (mA) (MAX)
AIML-0805-R047M	0.047	15	50	320	0.20	300
AIML-0805-R068M	0.068	15	50	280	0.20	300
AIML-0805-R082M	0.082	15	50	255	0.20	300
AIML-0805-R10K	0.10	20	25	235	0.30	250
AIML-0805-R12K	0.12	20	25	220	0.30	250
AIML-0805-R15K	0.15	20	25	200	0.40	250
AIML-0805-R18K	0.18	20	25	185	0.40	250
AIML-0805-R22K	0.22	20	25	170	0.50	250
AIML-0805-R27K	0.27	20	25	150	0.50	250
AIML-0805-R33K	0.33	20	25	145	0.55	250
AIML-0805-R39K	0.39	25	25	135	0.65	200
AIML-0805-R47K	0.47	25	25	125	0.65	200
AIML-0805-R56K	0.56	25	25	115	0.75	150
AIML-0805-R68K	0.68	25	25	105	0.80	150
AIML-0805-R82K	0.82	25	25	100	1.00	150
AIML-0805-1R0K	1.0	45	10	75	0.40	50
AIML-0805-1R2K	1.2	45	10	65	0.50	50
AIML-0805-1R5K	1.5	45	10	60	0.50	50
AIML-0805-1R8K	1.8	45	10	55	0.60	50
AIML-0805-2R2K	2.2	45	10	50	0.65	30

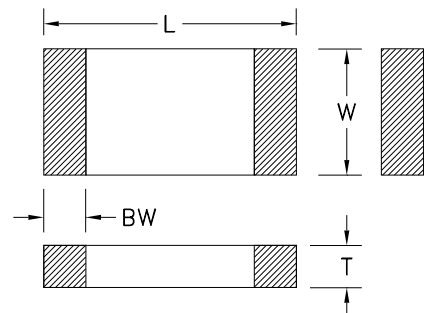
Part Number ²	L (mH ¹)	Q (MIN)	L,Q Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	IDC (mA) (MAX)
AIML-0805-2R7K	2.7	45	10	45	0.75	30
AIML-0805-3R3K	3.3	45	10	41	0.80	30
AIML-0805-3R9K	3.9	45	10	38	0.90	30
AIML-0805-4R7K	4.7	45	10	35	1.00	30
AIML-0805-5R6K	5.6	50	4	32	0.90	15
AIML-0805-6R8K	6.8	50	4	29	1.00	15
AIML-0805-8R2K	8.2	50	4	26	1.10	15
AIML-0805-100K	10	50	2	24	1.15	15
AIML-0805-120K	12	50	2	22	1.25	15
AIML-0805-150K	15	30	1	19	0.80	5
AIML-0805-180K	18	30	1	18	0.90	5
AIML-0805-220K	22	30	1	16	1.10	5
AIML-0805-270K	27	30	1	14	1.15	5
AIML-0805-330K	33	30	1	13	1.25	5
AIML-0805-390K	39	35	2	8.0	2.90	4
AIML-0805-470K	47	35	2	7.5	3.00	4
AIML-0805-560K	56	35	2	7.0	3.10	4
AIML-0805-680K	68	25	1	6.5	2.90	2
AIML-0805-820K	82	25	1	6.0	3.00	2
AIML-0805-101K	100	25	1	5.5	3.10	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
5. Specifications subject to change without notice

	Length ³ (L)	Width ³ (W)	Thickness ³ (T)	Termination ³ (BW)
AIML-0805	0.079+0.012,-0.004 (2,0±0,1)	0.049±0.008 (1,25±0,2)	0.033±0.008 (0,085±0,02)	0.02±0.0124 (0,5±0,3)

PHYSICAL CHARACTERISTICS



ABRACON IS
ISO 9001 / QS 9000
CERTIFIED

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