

SURFACE-MOUNT CERAMIC CHIP INDUCTORS

AIMC-0805 SERIES



STANDARD SPECIFICATIONS

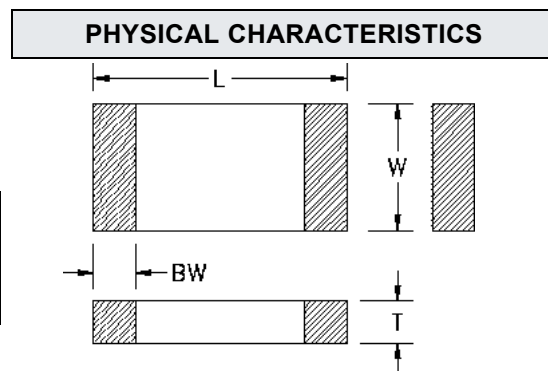
Part Number ²	L (μH ¹)	Q (MIN)	L,Q Test (MHz)	SRF (MIN) (MHz)	DCR Ω (MAX)	I _{DC} (mA) (MAX)
AIMC-0805-R0015S	0.0015	10	100	6000	0.10	600
AIMC-0805-R0018S	0.0018	10	100	6000	0.10	600
AIMC-0805-R0022S	0.0022	10	100	6000	0.10	600
AIMC-0805-R0027S	0.0027	10	100	6000	0.10	600
AIMC-0805-R0033S	0.0033	10	100	6000	0.13	600
AIMC-0805-R0039S	0.0039	10	100	5400	0.15	600
AIMC-0805-R0047S	0.0047	10	100	4500	0.20	400
AIMC-0805-R0056S	0.0056	10	100	4000	0.23	400
AIMC-0805-R0068S	0.0068	10	100	3650	0.25	400
AIMC-0805-R0082S	0.0082	10	100	3000	0.28	400
AIMC-0805-R010J	0.010	10	100	2500	0.30	300
AIMC-0805-R012J	0.012	10	100	2450	0.35	300
AIMC-0805-R015J	0.015	10	100	2000	0.40	300
AIMC-0805-R018J	0.018	10	100	1750	0.45	300
AIMC-0805-R022J	0.022	13	100	1700	0.50	300

Part Number ²	L (μH ¹)	Q (MIN)	L,Q Test (MHz)	SRF (MIN) (MHz)	DCR Ω (MAX)	I _{DC} (mA) (MAX)
AIMC-0805-R027J	0.027	15	100	1550	0.55	300
AIMC-0805-R033J	0.033	15	100	1350	0.60	300
AIMC-0805-R039J	0.039	15	100	1300	0.65	300
AIMC-0805-R047J	0.047	15	100	1200	0.70	300
AIMC-0805-R056J	0.056	15	100	1150	0.75	300
AIMC-0805-R068J	0.068	15	100	1000	0.80	300
AIMC-0805-R082J	0.082	15	100	850	0.90	300
AIMC-0805-R10J	0.10	15	100	600	1.00	300
AIMC-0805-R12J	0.12	13	50	500	1.50	300
AIMC-0805-R15J	0.15	13	50	500	1.50	300
AIMC-0805-R18J	0.18	13	50	400	2.10	300
AIMC-0805-R22J	0.22	12	50	350	2.10	300
AIMC-0805-R27J	0.27	12	50	300	3.00	200
AIMC-0805-R33J	0.33	12	50	250	3.00	200
AIMC-0805-R39J	0.39	10	50	250	3.50	200
AIMC-0805-R47J	0.47	10	50	200	3.50	200

Notes:

- Tolerance specified as : S = 0.3nH, K = 10%
J = 5%, M = 20%
- Letter suffix indicates standard tolerance
- Dimensions: inches / mm; see spec sheet for tolerance limits
- Specifications subject to change without notice

	Length ³ (L)	Width ³ (W)	Thickness ³ (T)	Termination ³ (BW)
AIMC-0805	0.079±0.012 (2,0±3,1)	0.049±0.008 (1,25±0,2)	0.033±0.012 (0,85±0,3)	0.02±0.012 (0,5±0,3)



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