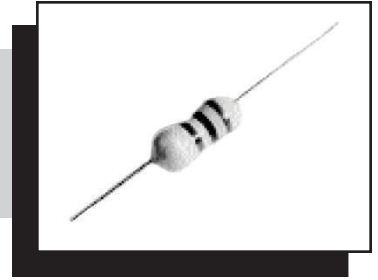


THROUGH-HOLE CONFORMAL COATED INDUCTORS

AICC-03 SERIES



STANDARD SPECIFICATIONS

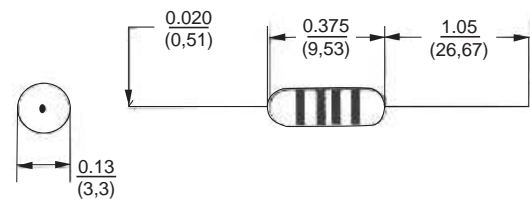
Part Number ²	L ^{1,2} (mH)	Q (MIN)	L Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	I _{DC} ³ (mA) (MAX)
AICC-03-R22K	0.22	25	25	380	0.21	880
AICC-03-R27K	0.27	25	25	340	0.24	800
AICC-03-R33K	0.33	25	25	300	0.28	750
AICC-03-R39K	0.39	25	25	380	0.32	680
AICC-03-R47K	0.47	25	25	250	0.36	650
AICC-03-R56K	0.56	25	25	230	0.41	600
AICC-03-R68K	0.68	25	25	210	0.47	550
AICC-03-R82K	0.82	45	25	172	0.17	980
AICC-03-1R0K	1.0	45	25	157	0.19	920
AICC-03-1R2K	1.2	50	7.9	144	0.21	880
AICC-03-1R5K	1.5	50	7.9	131	0.23	830
AICC-03-1R8K	1.8	55	7.9	121	0.25	790
AICC-03-2R2K	2.2	55	7.9	110	0.28	750
AICC-03-2R7K	2.7	60	7.9	100	0.30	720
AICC-03-3R3K	3.3	65	7.9	94	0.30	670
AICC-03-3R9K	3.9	65	7.9	86	0.40	640
AICC-03-4R7K	4.7	70	7.9	80	0.39	620
AICC-03-5R6K	5.6	70	7.9	74	0.43	590
AICC-03-6R8K	6.8	75	7.9	68	0.50	550
AICC-03-8R2K	8.2	80	7.9	53	0.50	530
AICC-03-100K	10	85	7.9	45	0.58	500
AICC-03-120K	12	75	2.5	34	0.63	480
AICC-03-150K	15	70	2.5	20	0.72	460

Part Number ²	L ^{1,2} (mH)	Q (MIN)	L Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	I _{DC} ³ (mA) (MAX)
AICC-03-180K	18	65	2.5	14	0.77	430
AICC-03-220K	22	60	2.5	9.9	0.80	410
AICC-03-270K	27	55	2.5	7.6	0.94	390
AICC-03-330K	33	55	2.5	6.3	1.03	370
AICC-03-390K	39	50	2.5	6.3	1.12	350
AICC-03-470K	47	45	2.5	6.3	1.22	340
AICC-03-560K	56	40	2.5	6.2	1.34	320
AICC-03-680K	68	40	2.5	5.7	1.47	305
AICC-03-820K	82	35	2.5	5.3	1.62	290
AICC-03-101K	100	30	2.5	4.8	1.80	275
AICC-03-121K	120	70	0.79	3.8	3.70	185
AICC-03-151K	150	70	0.79	3.5	4.20	175
AICC-03-181K	180	70	0.79	3.3	4.60	165
AICC-03-221K	220	70	0.79	3.0	5.10	155
AICC-03-271K	270	65	0.79	2.8	5.80	145
AICC-03-331K	330	65	0.79	2.6	6.40	137
AICC-03-391K	390	65	0.79	2.4	7.00	133
AICC-03-471K	470	60	0.79	2.2	7.70	126
AICC-03-561K	560	60	0.79	2.1	8.50	120
AICC-03-681K	680	55	0.79	1.9	9.40	113
AICC-03-821K	820	55	0.79	1.8	10.5	100
AICC-03-102K	1000	50	0.79	1.4	14.0	100

Notes:

1. Inductance (L) tolerance: J = 5%, K = 10%, M = 20%
2. Letter suffix indicates standard tolerance
3. Current rating at which inductance (L) drops 10%
4. Operating temperature -25°C to +105°C
5. Storage temperature -40°C to +125°C
6. Dimensions: inches / mm; see spec sheet for tolerance limits
7. Marking per EIA 4-band color code
8. Specifications subject to change without notice

PHYSICAL CHARACTERISTICS⁶



ABRACON IS
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