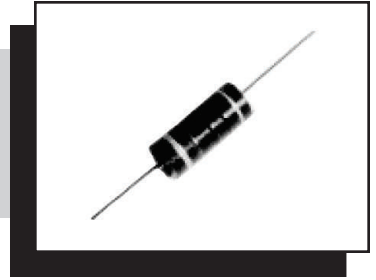


THROUGH-HOLE MOLDED SHIELDED INDUCTORS

AIAS-04 SERIES



STANDARD SPECIFICATIONS

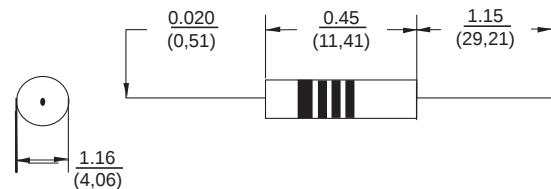
Part Number ²	L ^{1,2} (nH)	Q (MIN)	L Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	Idc ³ (mA) (MAX)
AIAS-04-121K	120	65	0.79	11	2.45	311
AIAS-04-151K	150	65	0.79	10	2.79	294
AIAS-04-181K	180	65	0.79	10	3.08	277
AIAS-04-221K	220	65	0.79	9.4	3.48	251
AIAS-04-271K	270	65	0.79	8.0	4.55	231
AIAS-04-331K	330	65	0.79	7.3	5.10	215
AIAS-04-391K	390	65	0.79	6.9	5.62	205
AIAS-04-471K	470	70	0.79	6.5	6.45	192
AIAS-04-561K	560	70	0.79	6.0	8.00	174
AIAS-04-681K	680	75	0.79	5.6	8.85	163
AIAS-04-821K	820	70	0.79	4.8	10.4	151
AIAS-04-102K	1000	65	0.79	4.5	12.1	139
AIAS-04-122K	1200	70	0.25	2.6	15.1	125
AIAS-04-152K	1500	70	0.25	2.5	16.8	119
AIAS-04-182K	1800	70	0.25	2.3	19.1	111
AIAS-04-222K	2200	70	0.25	2.2	22.0	103
AIAS-04-272K	2700	70	0.25	2.1	25.1	97
AIAS-04-332K	3300	70	0.25	2.0	33.3	85

Part Number ²	L ^{1,2} (nH)	Q (MIN)	L Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	Idc ³ (mA) (MAX)
AIAS-04-392K	3900	70	0.25	1.8	36.8	80
AIAS-04-472K	4700	70	0.25	1.7	51.2	68
AIAS-04-652K	6500	70	0.25	1.6	54.6	66
AIAS-04-682K	6800	70	0.25	1.5	62.0	62
AIAS-04-822K	8200	70	0.25	1.4	86.6	52
AIAS-04-103K	10000	70	0.25	1.3	93.1	50
AIAS-04-123K	12000	50	0.25	0.88	84.0	53
AIAS-04-153K	15000	50	0.079	0.78	97.0	49
AIAS-04-183K	18000	50	0.079	0.72	104	48
AIAS-04-223K	22000	50	0.079	0.57	145	40
AIAS-04-273K	27000	50	0.079	0.46	195	34
AIAS-04-333K	33000	50	0.079	0.42	222	32
AIAS-04-393K	39000	50	0.079	0.42	242	31
AIAS-04-473K	47000	50	0.079	0.37	317	27
AIAS-04-563K	56000	50	0.079	0.36	362	25
AIAS-04-683K	68000	50	0.079	0.35	410	24
AIAS-04-823K	82000	50	0.079	0.34	440	23
AIAS-04-104K	100000	50	0.079	0.32	484	22

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 -55°C to +85°C
5. Storage temperature -55°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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