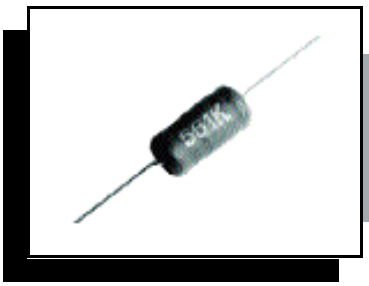


THROUGH-HOLE POWER INDUCTORS

AIAP-03 SERIES

STANDARD SPECIFICATIONS

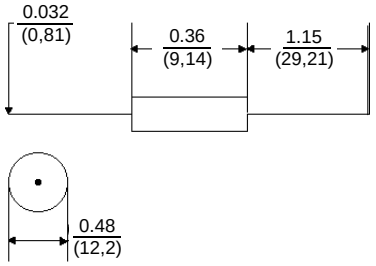
Part Number [2]	L [1,2] (µH)	DCR Ω (MAX)	SRF (MIN) (MHz)	IDC [3] (mA) (MAX)
AIAP-03-3R9K	3.9	0.007	15.5	4.0
AIAP-03-4R7K	4.7	0.008	13.9	4.0
AIAP-03-5R6K	5.6	0.011	12.6	4.0
AIAP-03-6R8K	6.8	0.011	11.6	4.0
AIAP-03-8R2K	8.2	0.013	9.89	4.0
AIAP-03-100K	10	0.017	8.70	4.0
AIAP-03-120K	12	0.019	8.21	4.0
AIAP-03-150K	15	0.022	7.34	4.0
AIAP-03-180K	18	0.023	6.64	4.0
AIAP-03-220K	22	0.026	6.07	4.0
AIAP-03-270K	27	0.027	5.36	4.0
AIAP-03-330K	33	0.032	4.82	4.0
AIAP-03-390K	39	0.033	4.36	4.0
AIAP-03-470K	47	0.035	3.98	4.0
AIAP-03-560K	56	0.037	3.66	3.2
AIAP-03-680K	68	0.047	3.31	2.5
AIAP-03-820K	82	0.060	3.10	2.0
AIAP-03-101K	100	0.090	2.79	1.6
AIAP-03-121K	120	0.113	2.54	1.6
AIAP-03-151K	150	0.129	2.22	1.6
AIAP-03-181K	180	0.150	1.98	1.6
AIAP-03-221K	220	0.162	1.89	1.6
AIAP-03-271K	270	0.208	1.63	1.6
AIAP-03-331K	330	0.212	1.51	1.6
AIAP-03-391K	390	0.281	1.39	1.6
AIAP-03-471K	470	0.380	1.24	1.2
AIAP-03-561K	560	0.420	1.17	1.0

Part Number [2]	L [1,2] (µH)	DCR Ω (MAX)	SRF (MIN) (MHz)	IDC [3] (mA) (MAX)
AIAP-03-681K	680	0.548	1.05	1.0
AIAP-03-821K	820	0.655	0.970	0.80
AIAP-03-102K	1000	0.844	0.870	0.80
AIAP-03-122K	1200	1.04	0.790	0.60
AIAP-03-152K	1500	1.18	0.700	0.60
AIAP-03-182K	1800	1.56	0.640	0.60
AIAP-03-222K	2200	2.00	0.580	0.50
AIAP-03-272K	2700	2.06	0.530	0.40
AIAP-03-332K	3300	2.63	0.470	0.40
AIAP-03-392K	3900	2.75	0.430	0.40
AIAP-03-472K	4700	3.19	0.390	0.40
AIAP-03-562K	5600	3.92	0.359	0.315
AIAP-03-682K	6800	5.69	0.322	0.250
AIAP-03-822K	8200	6.32	0.293	0.250
AIAP-03-103K	10000	7.30	0.266	0.250
AIAP-03-123K	12000	9.99	0.257	0.160
AIAP-03-153K	15000	11.2	0.230	0.160
AIAP-03-183K	18000	15.2	0.210	0.130
AIAP-03-223K	22000	16.8	0.190	0.130
AIAP-03-272K	27000	18.6	0.171	0.130
AIAP-03-333K	33000	26.7	0.155	0.100
AIAP-03-393K	39000	29.0	0.143	0.100
AIAP-03-473K	47000	31.8	0.131	0.100
AIAP-03-563K	56000	42.6	0.119	0.083
AIAP-03-683K	68000	46.9	0.108	0.083
AIAP-03-823K	82000	64.9	0.098	0.067
AIAP-03-104K	100000	71.7	0.099	0.067

Notes:

1. Inductance (L) measured @ 100 KHz, 0.1mVRMS with 0 DC bias and 1 KHz, 0.1mVRMS for 2200µH and up
2. Inductance (L) tolerance: J = 5%, K = 10%, M = 20%
3. Current rating at which inductance (L) drops 10%
4. Operating temperature -40°C to +105°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 CHARACTERISTICS[6]



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