

# Epoxy Coated Power Inductor

AICC-04

 RoHS/RoHS II Compliant



7.62 x  $\phi$ 3.0mm

## FEATURES:

- Ferrite core with Epoxy resin
- Wire wound construction

## APPLICATIONS:

- Bulk pack is standard
- Ammo Pack is available

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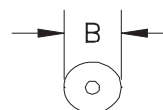
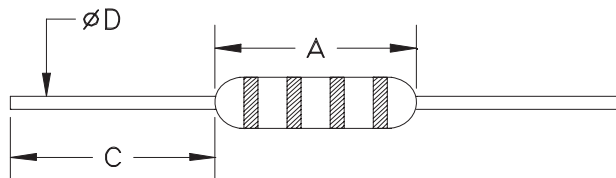
- Electronic Appliance
- Automotive system

## ELECTRICAL SPECIFICATIONS:

Part Number AICC-04	L ( $\mu$ H)	Q Min	L,Q Test Freq (MHz)	SRF Min (MHz)	R <sub>DC</sub> Max ( $\Omega$ )	I <sub>DC</sub> Max (mA)
R10K	0.10	38	25.2	680	0.08	1380
R12K	0.12	38	25.2	640	0.09	130
R15K	0.15	38	25.2	600	0.11	1230
R18K	0.18	35	25.2	550	0.12	1120
R22K	0.22	33	25.2	400	0.14	1040
R27K	0.27	32	25.2	480	0.18	975
R33K	0.33	30	25.2	410	0.22	830
R39K	0.39	30	25.2	300	0.30	710
R47K	0.47	30	25.2	330	0.35	680
R56K	0.56	30	25.2	310	0.50	550
R68K	0.68	28	25.2	280	0.60	500
R82K	0.82	28	25.2	260	0.85	420
1R0K	1.0	26	25.2	240	0.10	390
1R2K	1.2	60	7.96	150	0.15	620
1R5K	1.5	60	7.96	140	0.18	560
1R8K	1.8	60	7.96	125	0.20	480
2R2K	2.2	60	7.96	115	0.29	415
2R7K	2.7	50	7.96	100	0.40	355
3R3K	3.3	50	7.96	90	0.42	285
3R9K	3.9	50	7.96	80	0.60	263
4R7K	4.7	40	7.96	60	0.65	230
5R6K	5.6	40	7.96	45	0.70	195
6R8K	6.8	40	7.96	40	0.90	185
8R2K	8.2	40	7.96	28	1.00	160
100K	10	35	7.96	24	1.10	144
120K	12	60	2.52	20	1.62	160
150K	15	60	2.52	17	1.75	157
180K	18	60	2.52	16	1.85	149
220K	22	60	2.52	14	2.00	144
270K	27	60	2.52	12	2.10	140
330K	33	60	2.52	10	2.20	130
390K	39	50	2.52	9.5	2.30	125

- Operating Temperature: -25°C to +105°C
- Marking EIA 4 band color code
- Tolerance: J= $\pm$ 5%, K= $\pm$ 10%

## OUTLINE DRAWING:



A	0.300
Max	(7,62)
B	0.118
Max	(3,00)
C	1.15
Typ	(29,2)
D	0.020
	(0,51)

Dimensions: inch (mm)