

Conformal Coated Axial Inductor

AICC-01

 RoHS/RoHS II Compliant



7.11 x ϕ 3.05

FEATURES:

- Ferrite core with Epoxy resin
- High current rating
- RoHS compliant

APPLICATIONS:

- DC/DC converters
- Power supplies
- Electronic appliance
- Automotive system

STANDARD SPECIFICATIONS:

PARAMETERS	
ABRACON P/N:	AICC-01
Operating temperature:	-25°C ~ +105 °C
Storage temperature:	-40°C to + 125°C

Part No. AICC-01-Inductance Code	L(μ H)	Tolerance	Q (min)	L, Q Test Freq.	SRF(MHz)	DCR(Ω)	I _{DC} (mA)
		(%)		(MHz)			
AICC-01-R22	0.22	K	35	25.2	150	0.40	400
AICC-01-R27	0.27	K	35	25.2	150	0.43	380
AICC-01-R33	0.33	K	35	25.2	150	0.48	370
AICC-01-R39	0.39	K	35	25.2	150	0.51	350
AICC-01-R47	0.47	K	35	25.2	150	0.56	330
AICC-01-R56	0.56	K	40	25.2	150	0.61	320
AICC-01-R68	0.68	K	40	25.2	150	0.67	310
AICC-01-R82	0.82	K	40	25.2	150	0.74	290
AICC-01-1R0	1.0	J	40	25.2	150	0.80	270
AICC-01-1R2	1.2	J	50	7.96	144	0.90	260
AICC-01-1R5	1.5	J	50	7.96	131	1.0	250
AICC-01-1R8	1.8	J	50	7.96	121	1.1	240
AICC-01-2R2	2.2	J	50	7.96	110	1.2	230
AICC-01-2R7	2.7	J	50	7.96	100	1.3	220
AICC-01-3R3	3.3	J	50	7.96	94	1.4	210
AICC-01-3R9	3.9	J	50	7.96	65	1.6	200
AICC-01-4R7	4.7	J	50	7.96	56	1.7	190
AICC-01-5R6	5.6	J	50	7.96	48	1.9	180
AICC-01-6R8	6.8	J	50	7.96	37	2.0	170
AICC-01-8R2	8.2	J	50	7.96	25	2.2	165
AICC-01-100	10	J	50	7.96	21	2.5	160
AICC-01-120	12	J	50	2.52	19	2.5	150
AICC-01-150	15	J	50	2.52	17	2.8	145
AICC-01-180	18	J	50	2.52	13	3.1	140
AICC-01-220	22	J	50	2.52	9.6	3.4	130
AICC-01-270	27	J	50	2.52	7.2	3.8	125
AICC-01-330	33	J	50	2.52	6.3	4.1	120
AICC-01-390	39	J	50	2.52	6.3	4.5	115
AICC-01-470	47	J	50	2.52	6.3	4.9	110
AICC-01-560	56	J	50	2.52	6.2	5.3	105
AICC-01-680	68	J	50	2.52	5.7	5.8	100
AICC-01-820	82	J	50	2.52	5.3	6.3	95
AICC-01-101	100	J	50	2.52	4.8	7	90
AICC-01-121	120	J	50	0.796	3.8	13	90
AICC-01-151	150	J	50	0.796	3.5	15	85
AICC-01-181	180	J	50	0.796	3.3	16	80
AICC-01-221	220	J	50	0.796	3.0	17	75
AICC-01-271	270	J	50	0.796	2.8	19	65
AICC-01-331	330	J	50	0.796	2.6	20	60
AICC-01-391	390	J	50	0.796	2.4	22	55
AICC-01-471	470	J	50	0.796	2.3	24	55
AICC-01-561	560	J	50	0.796	2.1	26	50
AICC-01-681	680	J	50	0.796	2.0	28	45
AICC-01-821	820	J	50	0.796	1.9	30	40
AICC-01-102	1000	J	50	0.796	1.4	33	40

ABRACON IS
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CERTIFIED



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Revised: 09.04.12

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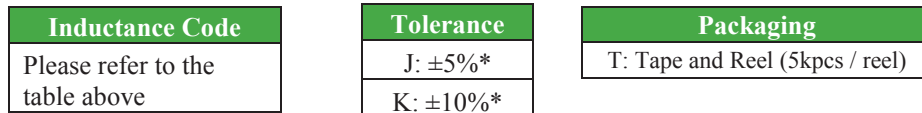
AICC-01

 RoHS/RoHS II Compliant



PART IDENTIFICATION:

AICC-01--



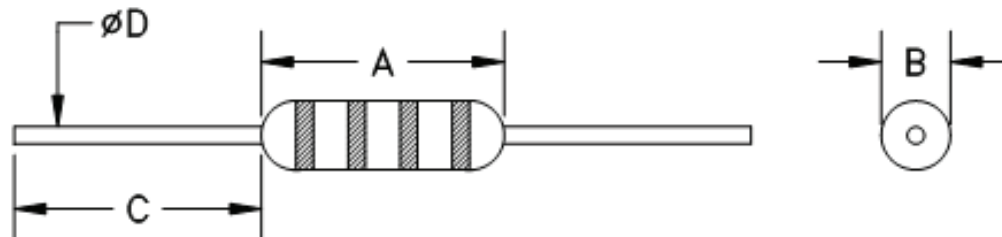
Inductance Code
Please refer to the table above

Tolerance
J: ±5%*
K: ±10%*

Packaging
T: Tape and Reel (5kpcs / reel)

*J for 1~1000μH
*K for 0.22~0.82μH

OUTLINE DRAWING:



A (Max)	0.280 (7.11)
B (Max)	0.120 (3.05)
C Typ	1.15 (29.2)
D	0.020 (0.51)

Dimension: inch (mm)

Conformal Coated Axial Inductor

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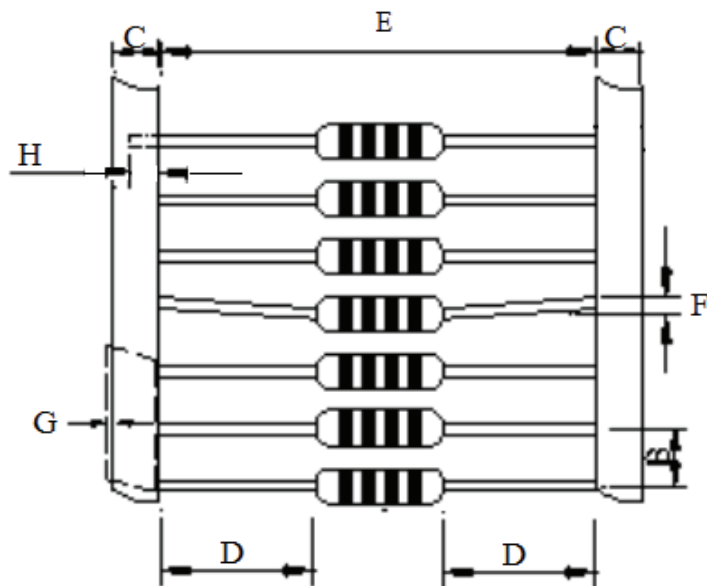
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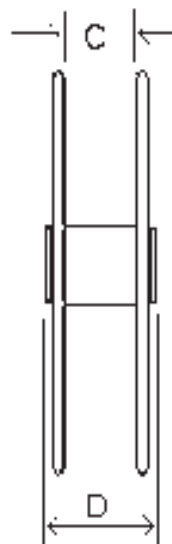
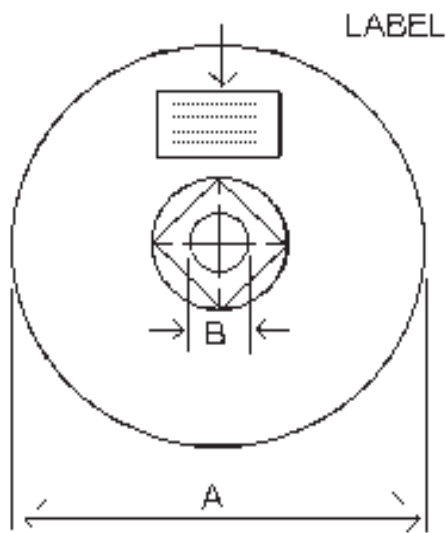
7.11 x ϕ 3.05

PART IDENTIFICATION:

Packing (5,000pcs / Reel)



B	5+/-0.5
C	6+/-1.0
D	19 min
E	52+/-1.5
F	1.20 max
G	0.5 max
H	3.2 min



A	357+/-2
B	17+/-2
C	66+/-2
D	80+/-2

Dimension: mm

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