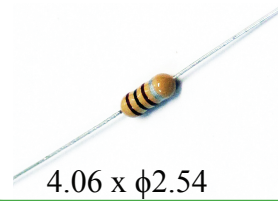


Conformal Coated Axial Inductor

AICC-00

 RoHS/RoHS II Compliant



FEATURES:

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

APPLICATIONS:

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

STANDARD SPECIFICATIONS:

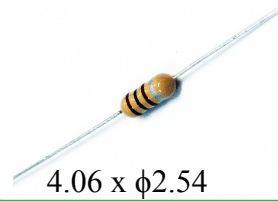
PARAMETERS	
ABRACON P/N:	AICC-00
Operating temperature:	-25°C ~ +105 °C
Storage temperature:	-40°C to + 125°C

Part No. AICC-00-Inductance Code	L(μ H)	Tolerance	Q (min)	L, Q Test Freq.	SRF(MHz)	DCR(Ω)	I _{DC} (mA)
		(%)		(MHz)			
AICC-00-R22	0.22	K	35	25.2	150	0.40	400
AICC-00-R27	0.27	K	35	25.2	150	0.45	380
AICC-00-R33	0.33	K	35	25.2	150	0.48	370
AICC-00-R39	0.39	K	35	25.2	150	0.51	350
AICC-00-R47	0.47	K	35	25.2	150	0.56	330
AICC-00-R56	0.56	K	35	25.2	150	0.61	320
AICC-00-R68	0.68	K	35	25.2	150	0.67	310
AICC-00-R82	0.82	K	35	25.2	150	0.74	290
AICC-00-1R0	1.0	J	35	25.2	150	0.80	270
AICC-00-1R2	1.2	J	40	7.96	110	0.90	260
AICC-00-1R5	1.5	J	40	7.96	80	1.0	250
AICC-00-1R8	1.8	J	40	7.96	60	1.1	240
AICC-00-2R2	2.2	J	40	7.96	45	1.2	230
AICC-00-2R7	2.7	J	40	7.96	40	1.3	220
AICC-00-3R3	3.3	J	40	7.96	38	1.4	210
AICC-00-3R9	3.9	J	40	7.96	35	1.6	200
AICC-00-4R7	4.7	J	40	7.96	32	1.7	190
AICC-00-5R6	5.6	J	40	7.96	30	1.9	180
AICC-00-6R8	6.8	J	40	7.96	28	2.0	170
AICC-00-8R2	8.2	J	40	7.96	26	2.2	165
AICC-00-100	10	J	40	7.96	24	2.5	160
AICC-00-120	12	J	40	2.52	22	2.5	150
AICC-00-150	15	J	40	2.52	20	2.8	145
AICC-00-180	18	J	40	2.52	18	3.1	140
AICC-00-220	22	J	40	2.52	17	3.4	130
AICC-00-270	27	J	40	2.52	16	4.3	80
AICC-00-330	33	J	40	2.52	14	4.7	76
AICC-00-390	39	J	40	2.52	13	5.2	74
AICC-00-470	47	J	40	2.52	12	5.8	70
AICC-00-560	56	J	40	2.52	11	6.4	65
AICC-00-680	68	J	40	2.52	10	8.2	64
AICC-00-820	82	J	40	2.52	9.5	11	46
AICC-00-101	100	J	40	2.52	9.0	12	44
AICC-00-121	120	J	40	0.796	8.0	13	42
AICC-00-151	150	J	40	0.796	6.0	16	39
AICC-00-181	180	J	40	0.796	5.5	18	37
AICC-00-221	220	J	40	0.796	5.0	20	35

Conformal Coated Axial Inductor

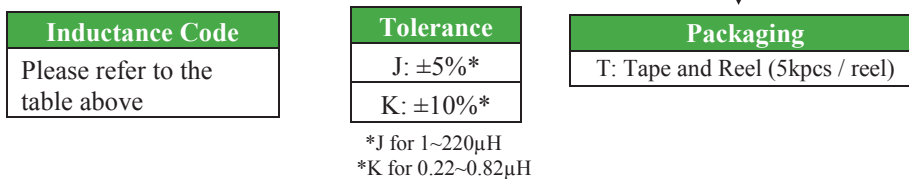
AICC-00

 RoHS/RoHS II Compliant

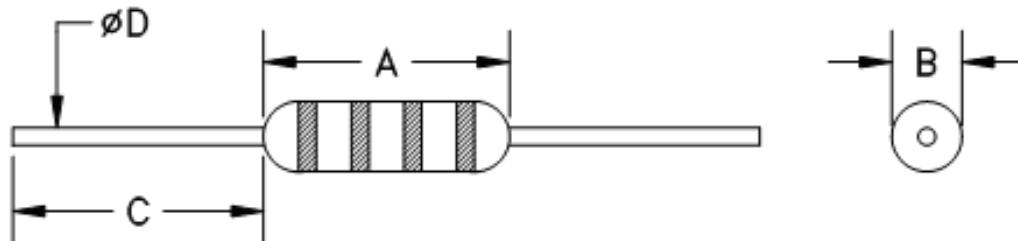


PART IDENTIFICATION:

AICC-00--



OUTLINE DRAWING:



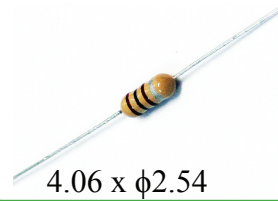
A (Max)	0.160 (4.06)
B (Max)	0.100 (2.54)
C Typ	1.15 (29.2)
D	0.020 (0.51)

Dimension: inch (mm)

Conformal Coated Axial Inductor

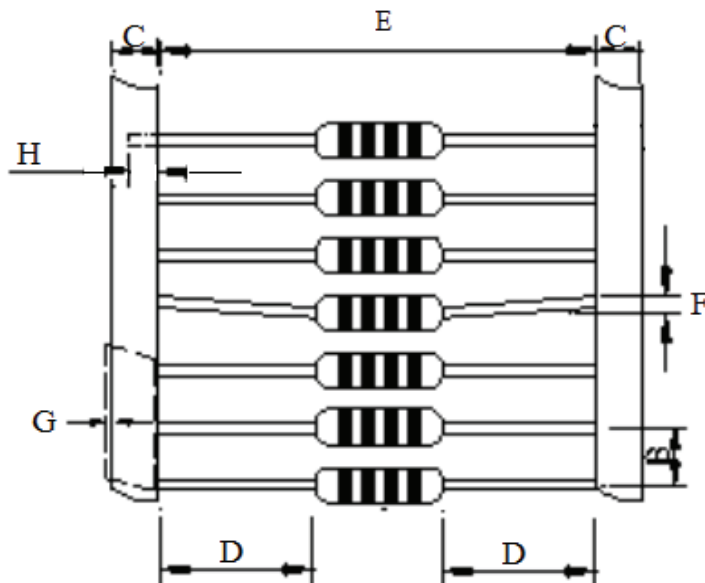
AICC-00

 RoHS/RoHS II Compliant

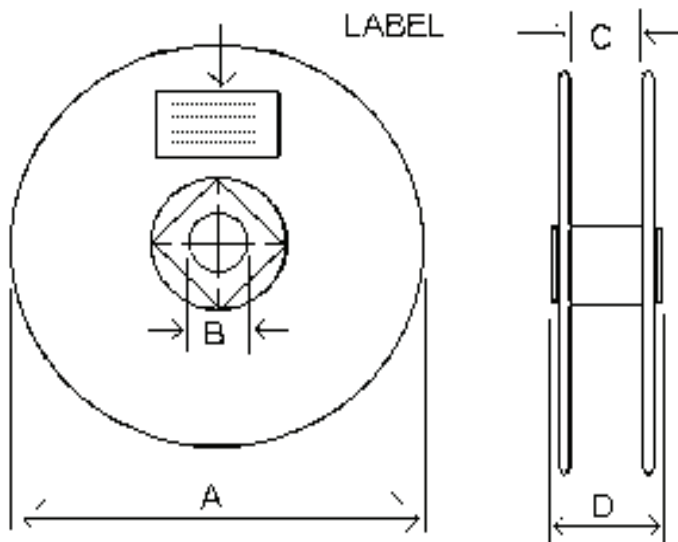


TAPE & REEL:

Packing (5,000pcs / Reel)



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



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

Dimension: mm

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