

SMD FERRITE WIRE WOUND INDUCTOR

AISC-1008F(L)-xxx



RoHS
Compliant

2.92 x 2.79 x 2.29mm



FEATURES:

- Ceramic Construction assures the utmost in the thermal stability and high SRF
- Exceptionally high Q compared to non-wirewound inductor, especially at high frequencies
- Inductance values from 150nH to 10000nH available, tight tolerance

APPLICATIONS:

- Widely applied in the VCO, SAW circuit for GSM, CDMA communication
- Used in hard disk, notebook computer and other electronic equipment

STANDARD SPECIFICATIONS:

PARAMETERS

ABRACON P/N:	AISC-1008F(L)-xxx Series
Operating temperature:	-25°C to + 125°C
Storage temperature:	-25°C to + 85°C, 70% RH max.

Part Number	L (μH)	L. Test Freq (MHz)	Tolerance (±%)	Q Min	Q Test Freq (MHz)	SRF Min (MHz)	R _{DC} Max (Ω)	I _{DC} Max (mA)
AISC-0805F(L)-151	0.15	25.00	5, 10, 20	45	100	500	0.35	750
181	0.18	25.00	5, 10, 20	45	100	500	0.40	750
331	0.33	25.00	5, 10, 20	45	100	500	0.50	700
122	1.20	7.90	5, 10, 20	48	50	210	0.68	650
152	1.50	7.90	5, 10, 20	41	50	190	0.76	630
182	1.80	7.90	5, 10, 20	39	50	170	0.84	600
222	2.20	7.90	5, 10, 20	34	50	150	1.10	520
272	2.70	7.90	5, 10, 20	34	50	100	1.28	490
332	3.30	7.90	5, 10, 20	32	50	100	1.46	450
392	3.90	7.90	5, 10, 20	32	7.9	70	1.56	420
472	4.70	7.90	5, 10, 20	31	7.9	60	1.69	400
562	5.60	7.90	5, 10, 20	23	7.9	50	1.82	380
682	6.80	7.90	5, 10, 20	31	7.9	40	2.00	360
822	8.20	7.90	5, 10, 20	23	7.9	40	2.65	330
103	10.0	7.90	5, 10, 20	31	7.9	40	2.95	300

OPTIONS AND PART IDENTIFICATION:

(Left blank if standard)

AISC - 1008F(L) - □□□ - □ - □

Inductance Code
Please refer to the Table above.

Packaging	
T	Tape & Reel

Tolerance Code	
J	±5%
K	±10%
M	±20%

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



Visit www.abracon.com for Terms & Conditions of Sale **Revised: 09.18.07**
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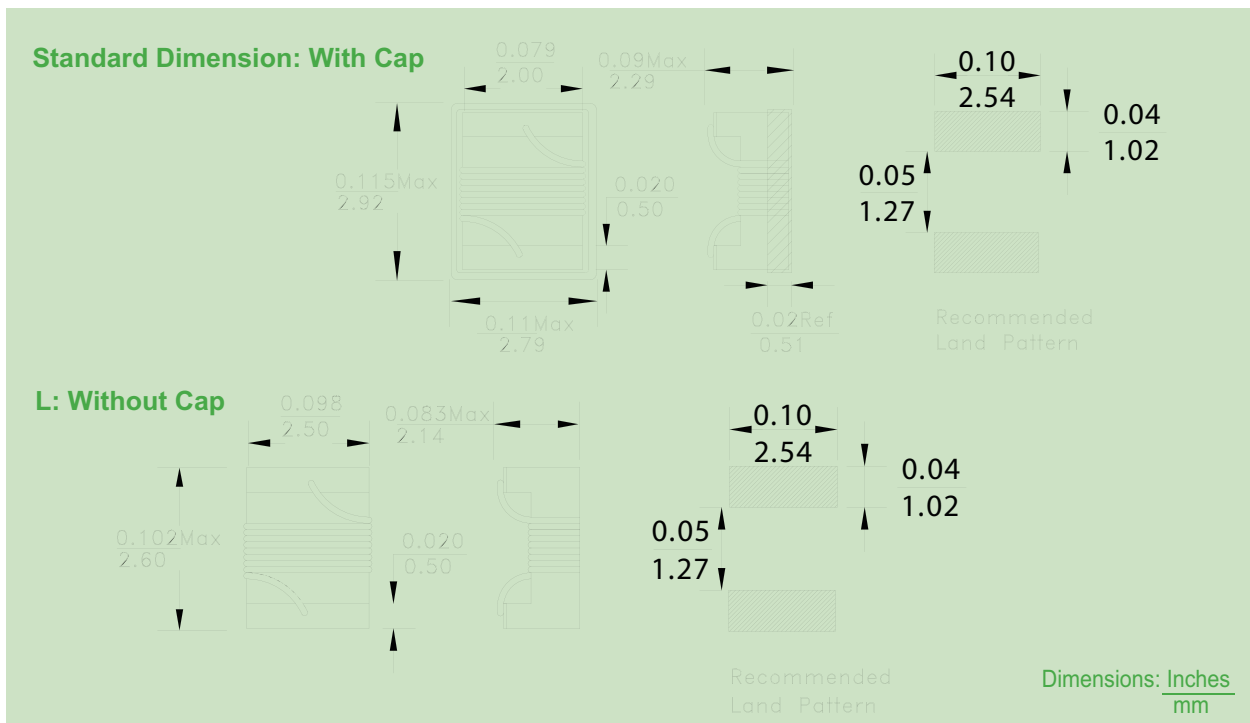


RoHS
Compliant

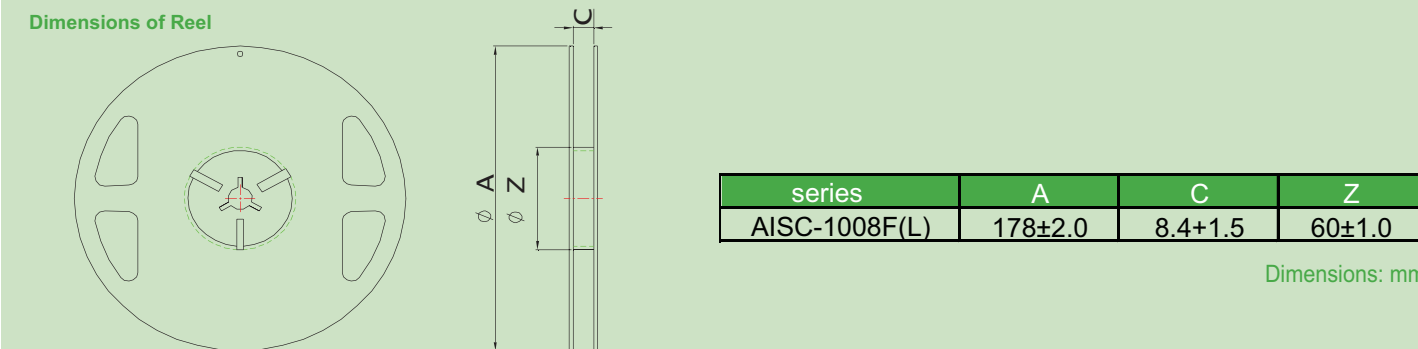
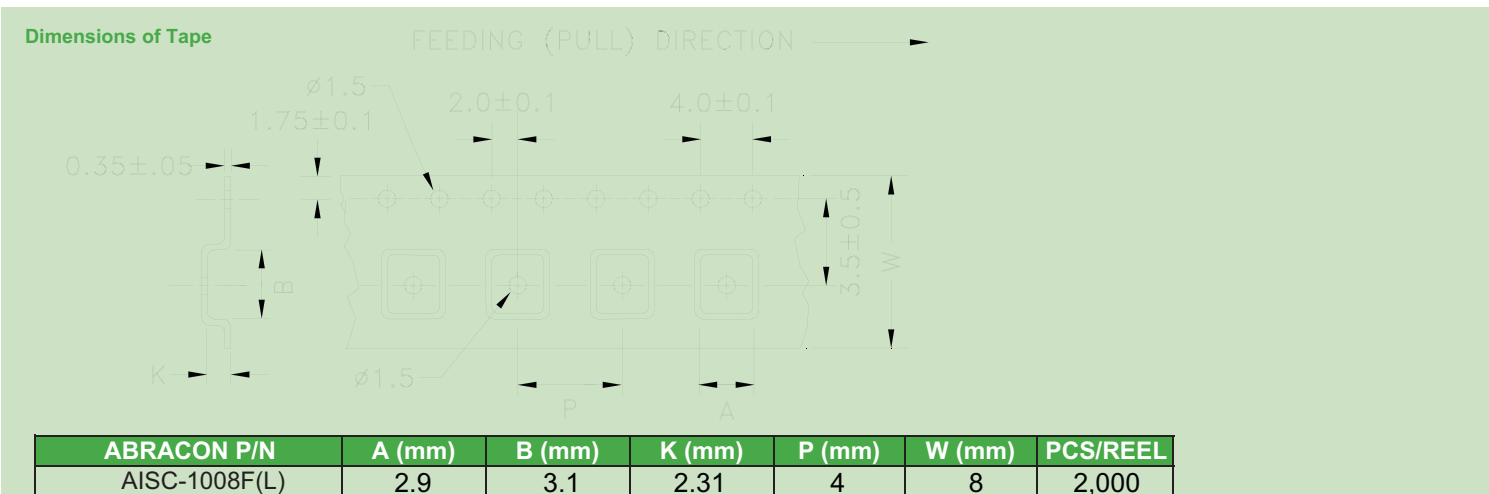
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OUTLINE DRAWING:



TAPE & REEL: Tape and reel 2,000pcs/reel



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