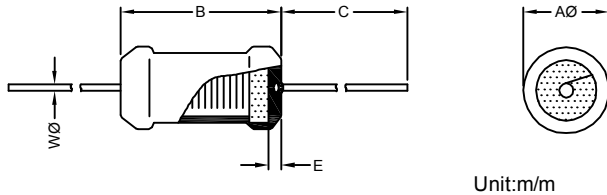


1. PART NO. EXPRESSION :

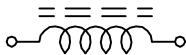
<u>A</u> <u>B</u> <u>1 2 2 6 1 0 0</u> <u>K</u> <u>Z</u> <u>F</u>	(a) Series code	(d) Tolerance code : K = ±10%
(a) (b) (c) (d)(e)(f)	(b) Dimension code	(e) X, Y, Z : Standard part
	(c) Inductance code : 100 = 10uH	(f) F : Lead Free

2. CONFIGURATION & DIMENSIONS :

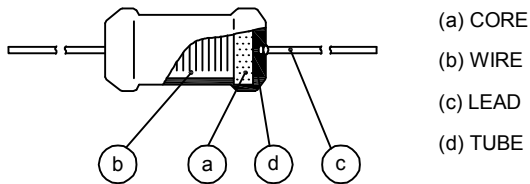


AØ	B	C	E	WØ
12.0 Max.	26.0 Max.	25.0±5.0	3.0 Max.	0.8±0.10

3. SCHEMATIC :



4. MATERIALS :



5. GENERAL SPECIFICATION :

- a) THE INDUCTANCE DROP AT RATED CURRENT IS 10% MAX.
- b) TEMP. RISE : 45°C MAX. AT RATED CURRENT.
- c) STORAGE CONDITION (COMPONENT IN ITS PACKAGING)
 - i) TEMPERATURE: -10 TO 40°C
 - ii) HUMIDITY: 60%
- d) OPERATING TEMP. : -40°C----+125°C



RoHS Compliant

NOTE : Specifications subject to change without notice. Please check our website for latest information.



6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
AIB1226100KZF	10 \pm 10%	1K / 1V	0.030	5.00
AIB1226250KZF	25 \pm 10%	1K / 1V	0.045	4.00
AIB1226500KZF	50 \pm 10%	1K / 1V	0.080	3.00
AIB1226101KZF	100 \pm 10%	1K / 1V	0.125	2.00
AIB1226251KZF	250 \pm 10%	1K / 1V	0.300	1.20
AIB1226501KZF	500 \pm 10%	1K / 1V	0.500	0.80
AIB1226102KZF	1000 \pm 10%	1K / 1V	1.200	0.60



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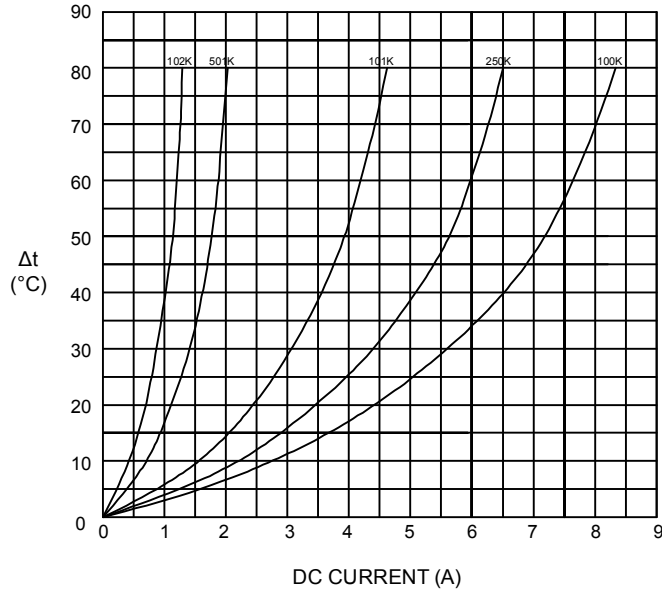
19.03.2015



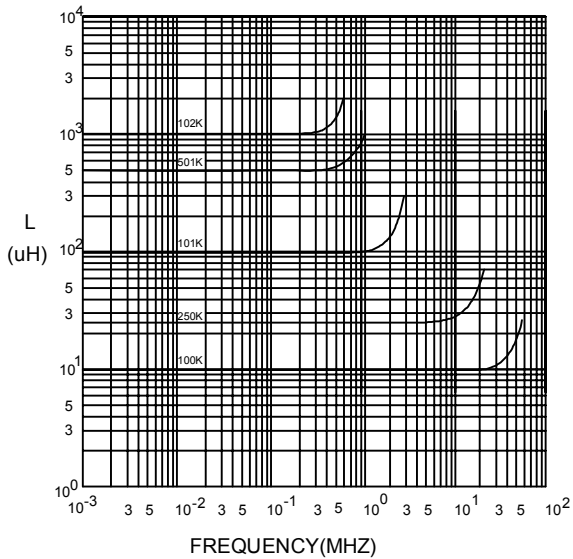
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7. CHARACTERISTICS CURVES :

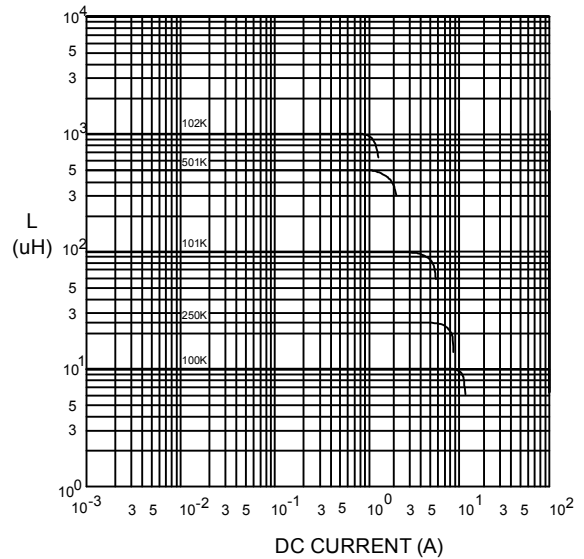
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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8. PACKAGING INFORMATION :

CODE	INNER PACKAGE	INNER PACKAGE Q'TY
A	BOX (Small)	60 PCS
B	BOX (Large)	90 PCS



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19.03.2015



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PG. 4