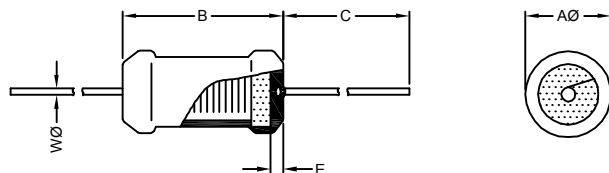


1. PART NO. EXPRESSION :

A	B	1	2	2	6	1	0	0	K	Z	F	
(a)	(b)	(c)	(d)(e)(f)									

(a) Series code (b) Dimension code (c) Inductance code : 100 = 10uH (d) Tolerance code : K = $\pm 10\%$ (e) X, Y, Z : Standard part (f) F : Lead Free

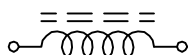
2. CONFIGURATION & DIMENSIONS :



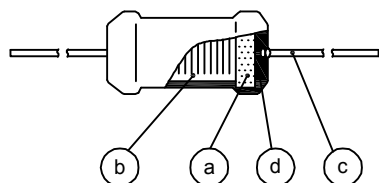
Unit:m/m

A $\varnothing$	B	C	E	W $\varnothing$
12.0 Max.	26.0 Max.	25.0 $\pm$ 5.0	3.0 Max.	0.8 $\pm$ 0.10

3. SCHEMATIC :



4. MATERIALS :



- (a) CORE
- (b) WIRE
- (c) LEAD
- (d) TUBE

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.

19.03.2015



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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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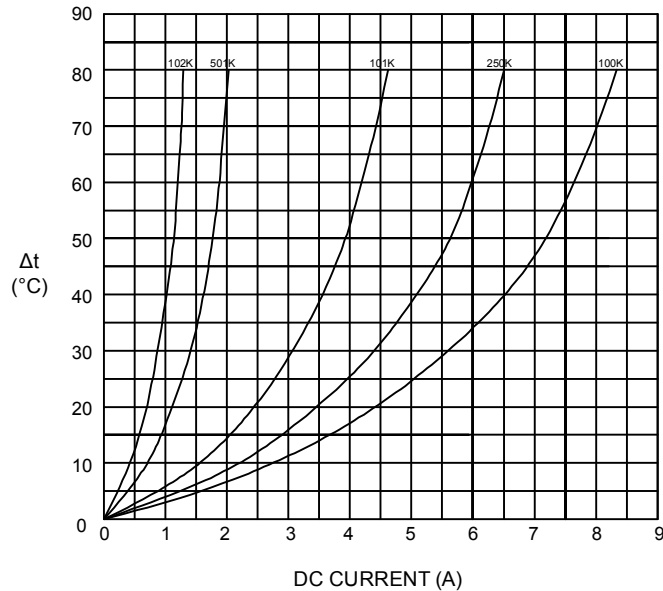
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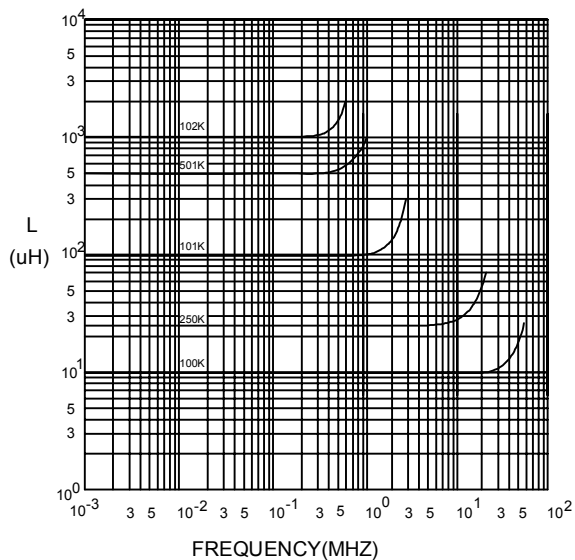
PG. 2

7. CHARACTERISTICS CURVES :

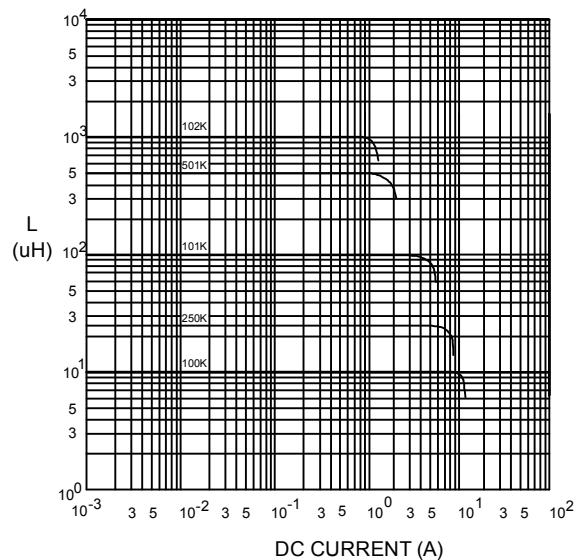
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ 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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