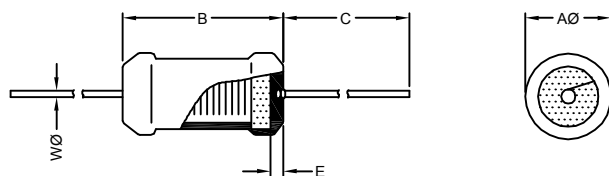


1. PART NO. EXPRESSION :

A I B 0 6 1 8 1 0 0 K Z F												(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

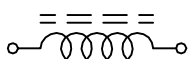
2. CONFIGURATION & DIMENSIONS :



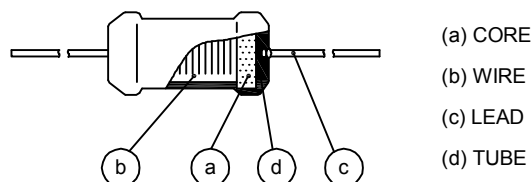
Unit:m/m

A $\varnothing$	B	C	E	W $\varnothing$
6.00 Max.	18.00 Max.	25.00 $\pm$ 5.0	3.00 Max.	0.65 $\pm$ 0.10

3. SCHEMATIC :



4. MATERIALS :



5. GENERAL SPECIFICATION :

- a) $\Delta L/L$: 10% MAX. AT RATED CURRENT
- 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.



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6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Freq. (Hz)	RDC (Ω) Max.	IDC (A) Max.
AIB0618100KZF	10 $\pm$ 10%	1K / 1V	0.075	2.00
AIB0618250KZF	25 $\pm$ 10%	1K / 1V	0.150	1.20
AIB0618500KZF	50 $\pm$ 10%	1K / 1V	0.200	0.80
AIB0618101KZF	100 $\pm$ 10%	1K / 1V	0.300	0.60
AIB0618251KZF	250 $\pm$ 10%	1K / 1V	1.000	0.40
AIB0618501KZF	500 $\pm$ 10%	1K / 1V	2.000	0.25
AIB0618102KZF	1000 $\pm$ 10%	1K / 1V	3.000	0.20



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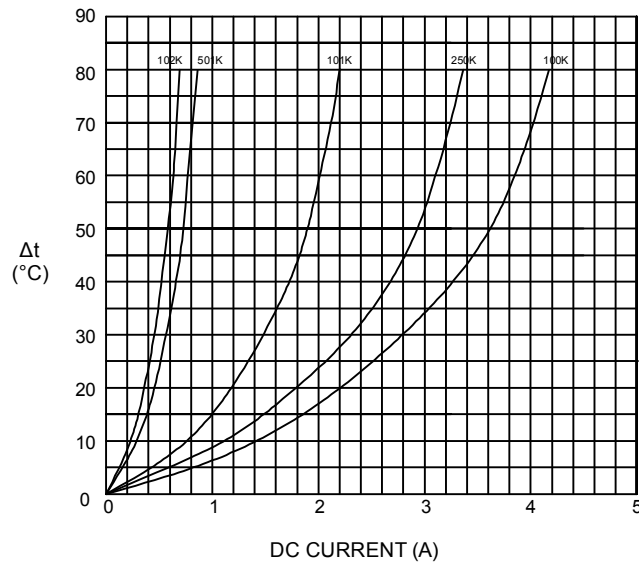
19.03.2015



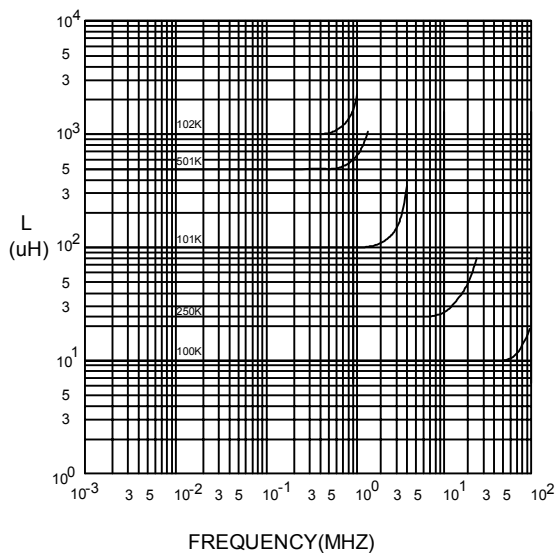
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7. CHARACTERISTICS CURVES :

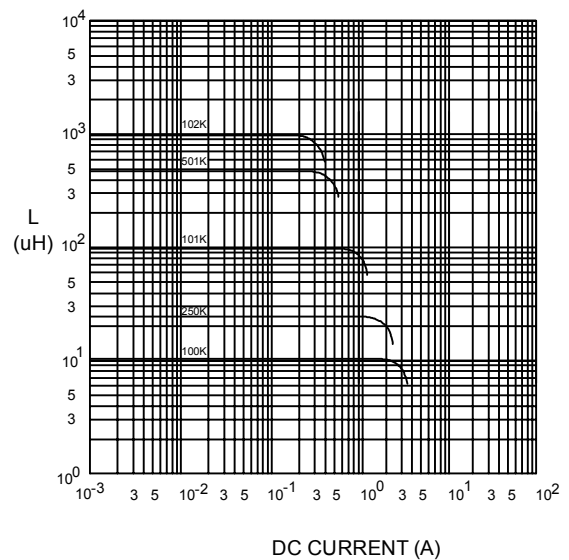
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ 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)	150 PCS
B	BOX (Large)	300 PCS



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