

1. PART NO. EXPRESSION :

R C B 2 0 2 3 1 0 0 M Z F
 (a) (b) (c) (d)(e)(f)

- (a) Series code
- (b) Dimension code
- (c) Inductance code : 100 = 10uH
- (d) Tolerance code : K = ±10%, M = ±20%
- (e) X, Y, Z : Standard part
- (f) F : Lead Free

2. CONFIGURATION & DIMENSIONS :

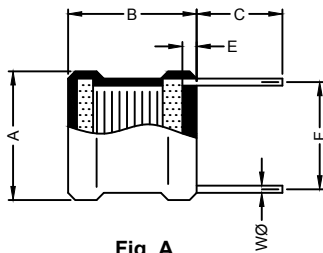


Fig. A

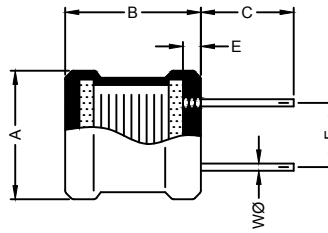
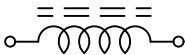


Fig. B

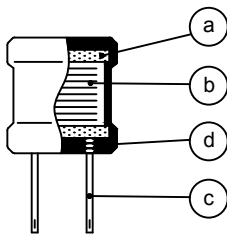
Unit:m/m

A	B	C	E
20.0 Max.	23.0 Max.	15.0±5.0	3.0 Max.

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 TEMP.: -40°C TO +125°C
- d) OPERATING TEMP.: -25°C TO +80°C



RoHS Compliant

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6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.	Dimensions		Fig.
					F m/m	W m/m	
RCB2023100MZF	10 \pm 20%	1V / 1K	0.008	10.0	15.5	1.3	A
RCB2023500KZF	50 \pm 10%	1V / 1K	0.032	5.0	15.5	1.0	A
RCB2023101KZF	100 \pm 10%	1V / 1K	0.060	4.0	15.5	0.9	A
RCB2023251KZF	250 \pm 10%	1V / 1K	0.140	2.5	12.5	1.0	B
RCB2023501KZF	500 \pm 10%	1V / 1K	0.280	1.5	12.5	1.0	B
RCB2023102KZF	1000 \pm 10%	1V / 1K	0.550	1.2	12.5	1.0	B
RCB2023202KZF	2000 \pm 10%	1V / 1K	1.200	0.8	12.5	1.0	B



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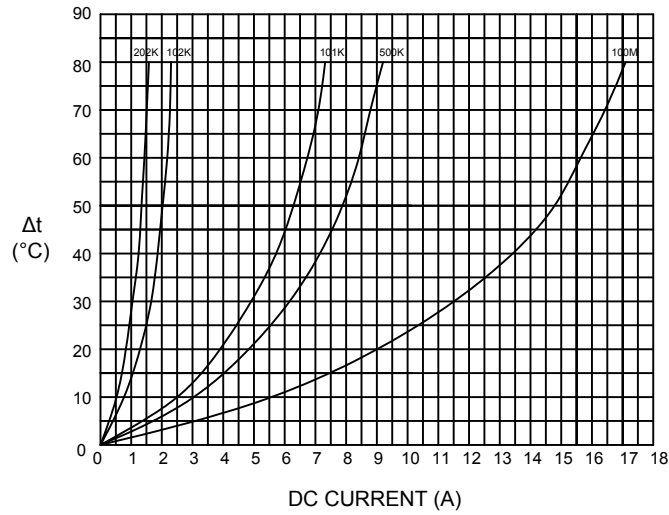
15.09.2016



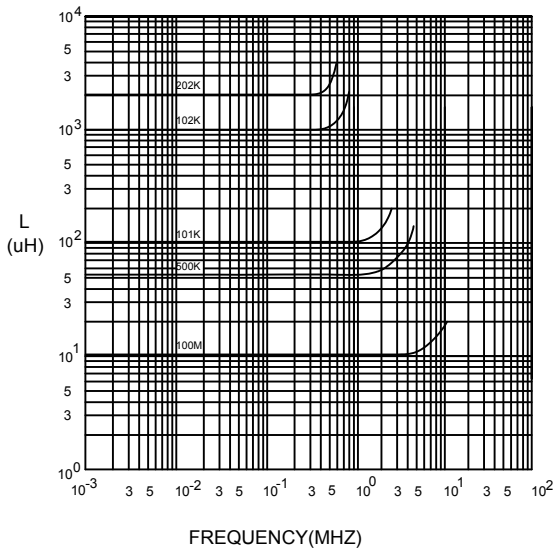
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7. CHARACTERISTICS CURVES :

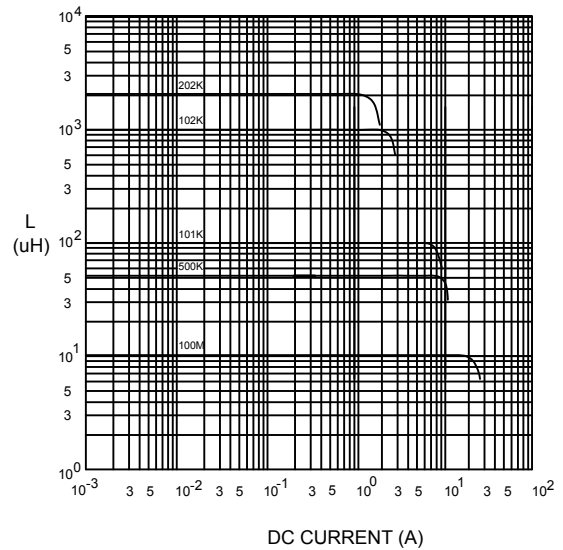
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ 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
F	TRAY	70 PCS



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