

RADIAL CHOKE COIL

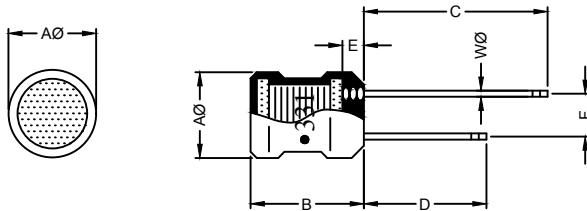
RCB0610 SERIES

1. PART NO. EXPRESSION :

R C B 0 6 1 0 3 3 1 K Z F
 (a) (b) (c) (d)(e)(f)

- (a) Series code
- (b) Dimension code
- (c) Inductance code : 331 = 330uH
- (d) Tolerance code : K = ±10%
- (e) X, Y, Z : Standard part
- (f) F : Lead Free

2. CONFIGURATION & DIMENSIONS :

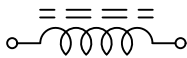


Marking :
 " ● " : Start

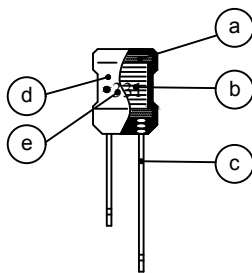
Unit:m/m

A∅	B	C	D	E	F	W∅
6.70±0.5	10.00±1.0	25.00±5.0	18.00±5.0	2.50 Max.	3.00±0.5	0.65 Ref.

3. SCHEMATIC :



4. MATERIALS :



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

5. GENERAL SPECIFICATION :

- a) TEMP. RISE : 20°C MAX. AT RATED CURRENT
- b) STORAGE TEMP.: -40°C TO +125°C
- c) OPERATING TEMP. : -40°C TO +105°C



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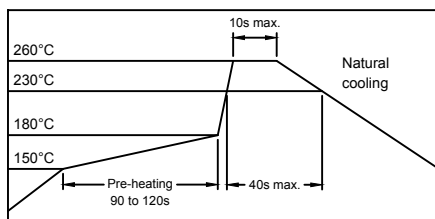
NOTE : Specifications subject to change without notice. Please check our website for latest information.

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6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	Q Min.	Test Frequency (Hz)	SRF (MHz) Min.	RDC (Ω) Max.	IDC (A) Max.
RCB0610100KZF	10 \pm 10%	1V/1K	20	1V/2.520M	16.0	0.07	1.10
RCB0610120KZF	12 \pm 10%	1V/1K	20	1V/2.520M	12.0	0.08	1.00
RCB0610150KZF	15 \pm 10%	1V/1K	20	1V/2.520M	10.0	0.09	0.90
RCB0610180KZF	18 \pm 10%	1V/1K	20	1V/2.520M	10.0	0.10	0.75
RCB0610220KZF	22 \pm 10%	1V/1K	20	1V/2.520M	9.0	0.12	0.70
RCB0610270KZF	27 \pm 10%	1V/1K	20	1V/2.520M	8.0	0.13	0.65
RCB0610330KZF	33 \pm 10%	1V/1K	20	1V/2.520M	7.0	0.15	0.60
RCB0610390KZF	39 \pm 10%	1V/1K	20	1V/2.520M	6.0	0.16	0.55
RCB0610470KZF	47 \pm 10%	1V/1K	20	1V/2.520M	6.0	0.18	0.45
RCB0610560KZF	56 \pm 10%	1V/1K	20	1V/2.520M	5.0	0.21	0.40
RCB0610680KZF	68 \pm 10%	1V/1K	20	1V/2.520M	5.0	0.24	0.36
RCB0610820KZF	82 \pm 10%	1V/1K	20	1V/2.520M	5.0	0.35	0.34
RCB0610101KZF	100 \pm 10%	1V/1K	20	1V/0.796M	4.0	0.40	0.32
RCB0610121KZF	120 \pm 10%	1V/1K	20	1V/0.796M	4.0	0.45	0.30
RCB0610151KZF	150 \pm 10%	1V/1K	20	1V/0.796M	3.5	0.50	0.28
RCB0610181KZF	180 \pm 10%	1V/1K	20	1V/0.796M	3.0	0.75	0.26
RCB0610221KZF	220 \pm 10%	1V/1K	20	1V/0.796M	3.0	0.90	0.24
RCB0610271KZF	270 \pm 10%	1V/1K	20	1V/0.796M	2.5	1.00	0.22
RCB0610331KZF	330 \pm 10%	1V/1K	20	1V/0.796M	2.5	1.10	0.20
RCB0610391KZF	390 \pm 10%	1V/1K	20	1V/0.796M	2.0	1.20	0.18
RCB0610471KZF	470 \pm 10%	1V/1K	20	1V/0.796M	2.0	1.50	0.16
RCB0610561KZF	560 \pm 10%	1V/1K	20	1V/0.796M	2.0	1.80	0.15

RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERINGS



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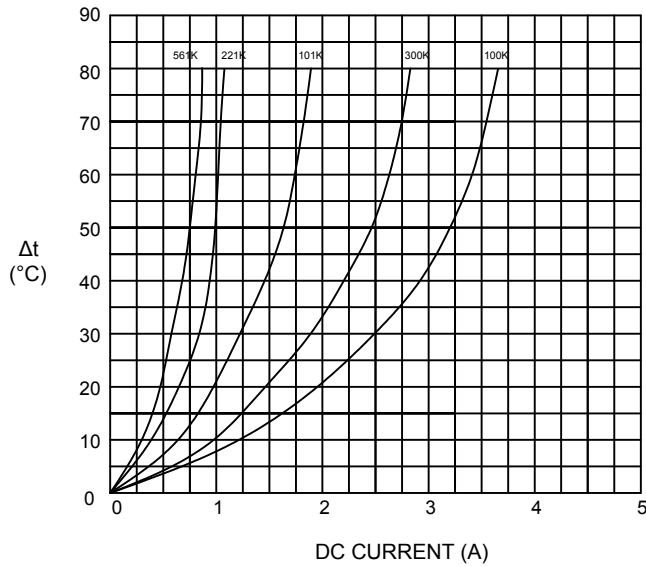
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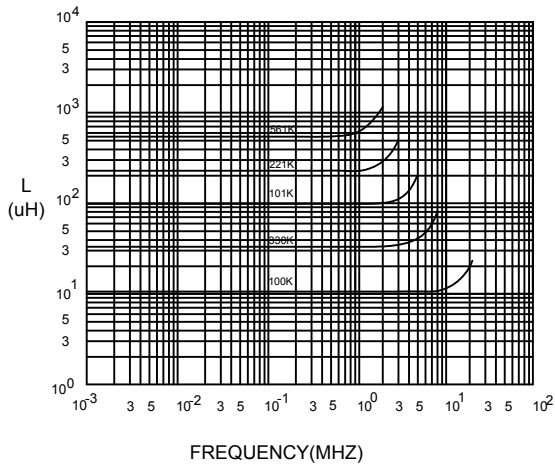
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7. CHARACTERISTICS CURVES :

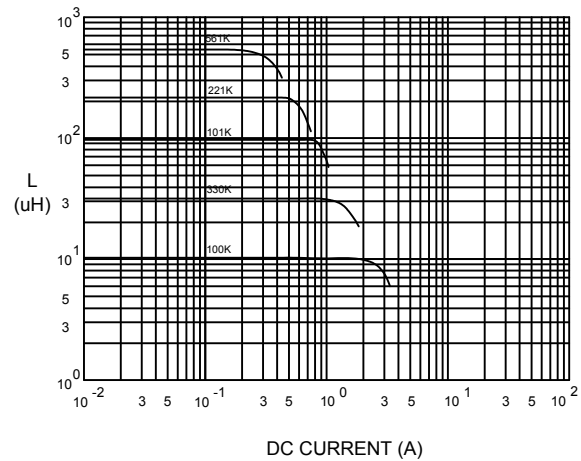
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ 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	400 PCS



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