

RADIAL CHOKE COIL

RCC0605 SERIES

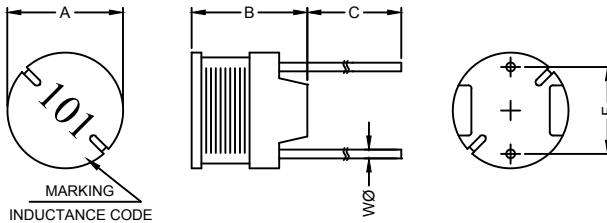
1. PART NO. EXPRESSION :

R C C 0 6 0 5 1 0 1 K Z F
 (a) (b) (c) (d)(e)(f)

- (a) Series code
- (b) Dimension code
- (c) Inductance code : 101 = 100uH

- (d) Tolerance code : K = ±10%
- (e) X, Y, Z : Standard part
- (f) F : RoHS Compliant

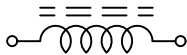
2. CONFIGURATION & DIMENSIONS :



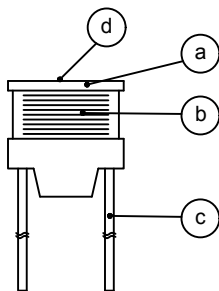
Unit:m/m

A	B	C	F	WØ
6.0±0.5	5.0 Max.	20.0±5.0	4.0±0.5	0.50±0.10

3. SCHEMATIC :



4. MATERIALS :



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

5. GENERAL SPECIFICATION :

- a) L/L0A: 10% MAX. AT RATED CURRENT
- b) TEMP. RISE: 40°C MAX. AT RATED CURRENT
- c) STORAGE TEMP.: -40°C TO 125°C
- d) OPERATING TEMP.: -40°C TO 85°C



RoHS Compliant

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

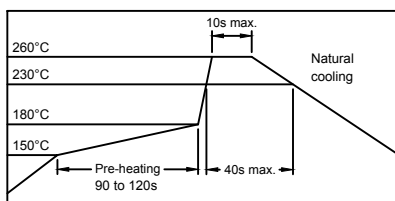
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6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCC0605220KZF	22 \pm 10%	1V/2.52M	0.18	0.90
RCC0605270KZF	27 \pm 10%	1V/2.52M	0.21	0.81
RCC0605330KZF	33 \pm 10%	1V/2.52M	0.27	0.74
RCC0605390KZF	39 \pm 10%	1V/2.52M	0.29	0.68
RCC0605470KZF	47 \pm 10%	1V/2.52M	0.34	0.62
RCC0605560KZF	56 \pm 10%	1V/2.52M	0.42	0.57
RCC0605680KZF	68 \pm 10%	1V/2.52M	0.48	0.51
RCC0605820KZF	82 \pm 10%	1V/2.52M	0.55	0.47
RCC0605101KZF	100 \pm 10%	1V/1K	0.68	0.42
RCC0605121KZF	120 \pm 10%	1V/1K	0.77	0.39
RCC0605151KZF	150 \pm 10%	1V/1K	0.95	0.35
RCC0605181KZF	180 \pm 10%	1V/1K	1.15	0.32
RCC0605221KZF	220 \pm 10%	1V/1K	1.30	0.29
RCC0605271KZF	270 \pm 10%	1V/1K	1.55	0.26
RCC0605331KZF	330 \pm 10%	1V/1K	2.18	0.23
RCC0605391KZF	390 \pm 10%	1V/1K	2.47	0.21
RCC0605471KZF	470 \pm 10%	1V/1K	2.92	0.20
RCC0605561KZF	560 \pm 10%	1V/1K	3.97	0.18
RCC0605681KZF	680 \pm 10%	1V/1K	4.57	0.16
RCC0605821KZF	820 \pm 10%	1V/1K	5.28	0.15
RCC0605102KZF	1000 \pm 10%	1V/1K	7.06	0.13

RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERINGS



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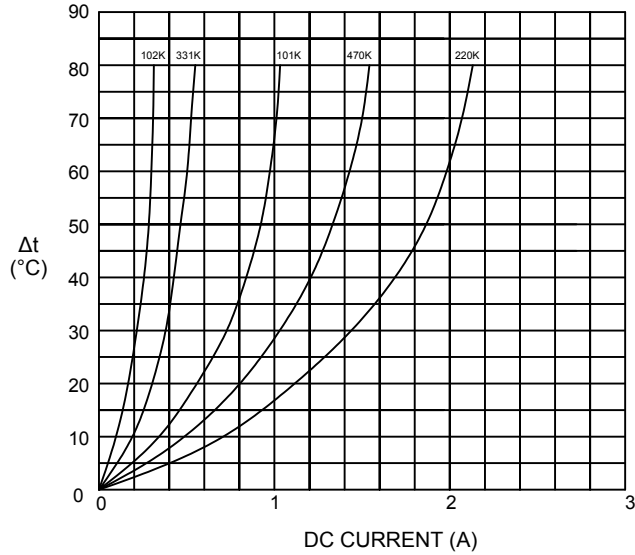
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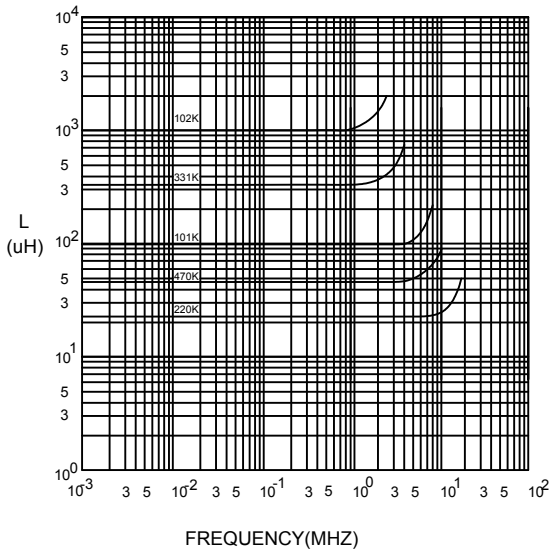
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7. CHARACTERISTICS CURVES :

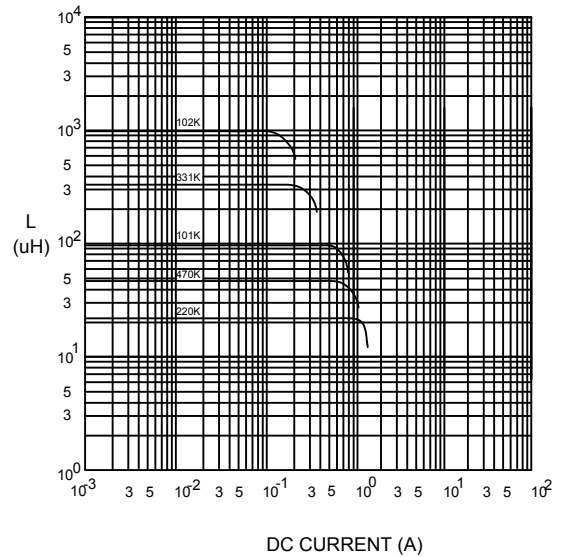
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ 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	200 PCS



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