

RADIAL CHOKE COIL

RCC0807 SERIES

1. PART NO. EXPRESSION :

R C C 0 8 0 7 1 0 1 M Z F

(a) (b) (c) (d)(e)(f)

(a) Series code

(b) Dimension code

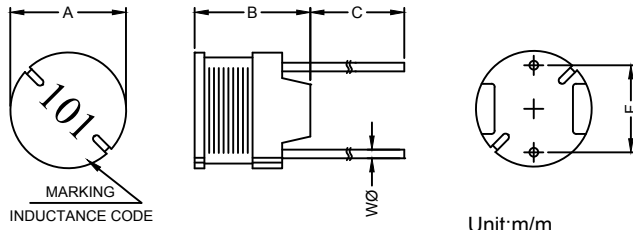
(c) Inductance code : 101 = 100uH

(d) Tolerance code : K = ±10%, M = ±20%

(e) X, Y, Z : Standard part

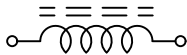
(f) F : Lead Free

2. CONFIGURATION & DIMENSIONS :

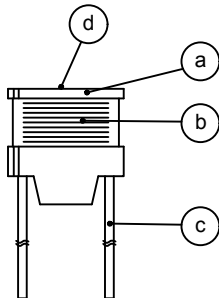


A	B	C	F	WØ
7.80±0.5	7.50 Max.	15.00±3.0	5.00±0.5	0.65±0.10

3. SCHEMATIC :



4. MATERIALS :



(a) CORE

(b) WIRE

(c) LEAD

(d) INK

5. GENERAL SPECIFICATION :

- a) THE INDUCTANCE DROP AT RATED IS 10% MAX.
- 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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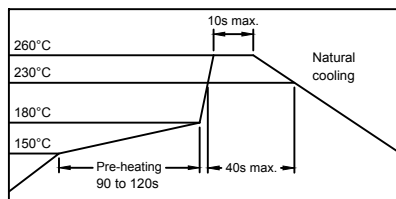
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6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCC0807100MZF	10 \pm 20%	1V/2.52M	0.05	2.90
RCC0807120MZF	12 \pm 20%	1V/2.52M	0.06	2.50
RCC0807150KZF	15 \pm 10%	1V/2.52M	0.07	2.20
RCC0807180KZF	18 \pm 10%	1V/2.52M	0.08	1.90
RCC0807220KZF	22 \pm 10%	1V/2.52M	0.09	1.80
RCC0807270KZF	27 \pm 10%	1V/2.52M	0.11	1.70
RCC0807330KZF	33 \pm 10%	1V/2.52M	0.13	1.50
RCC0807390KZF	39 \pm 10%	1V/2.52M	0.14	1.30
RCC0807470KZF	47 \pm 10%	1V/2.52M	0.15	1.30
RCC0807560KZF	56 \pm 10%	1V/2.52M	0.18	1.20
RCC0807680KZF	68 \pm 10%	1V/2.52M	0.20	1.10
RCC0807820KZF	82 \pm 10%	1V/2.52M	0.24	1.00
RCC0807101KZF	100 \pm 10%	1V/1K	0.28	0.89
RCC0807121KZF	120 \pm 10%	1V/1K	0.36	0.81
RCC0807151KZF	150 \pm 10%	1V/1K	0.42	0.72
RCC0807181KZF	180 \pm 10%	1V/1K	0.57	0.66
RCC0807221KZF	220 \pm 10%	1V/1K	0.63	0.57
RCC0807271KZF	270 \pm 10%	1V/1K	0.88	0.51
RCC0807331KZF	330 \pm 10%	1V/1K	1.05	0.46
RCC0807391KZF	390 \pm 10%	1V/1K	1.17	0.44
RCC0807471KZF	470 \pm 10%	1V/1K	1.34	0.41
RCC0807561KZF	560 \pm 10%	1V/1K	1.72	0.36
RCC0807681KZF	680 \pm 10%	1V/1K	1.96	0.33
RCC0807821KZF	820 \pm 10%	1V/1K	2.56	0.30
RCC0807102KZF	1000 \pm 10%	1V/1K	2.94	0.27

RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERINGS



RoHS Compliant

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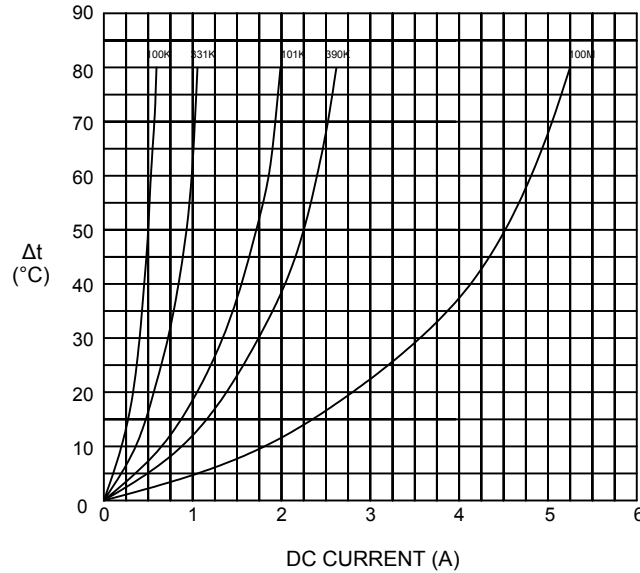
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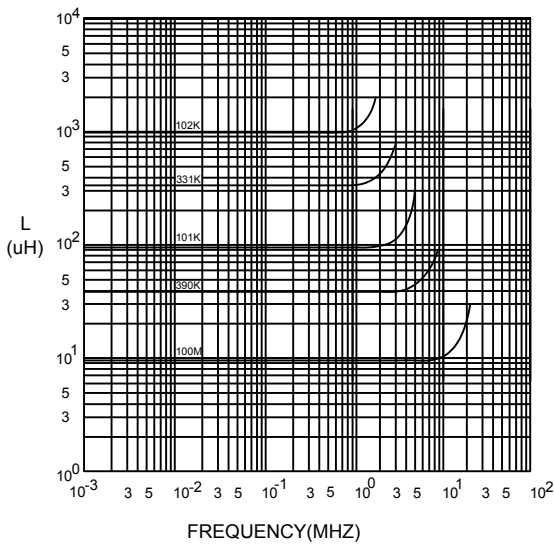
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7. CHARACTERISTICS CURVES :

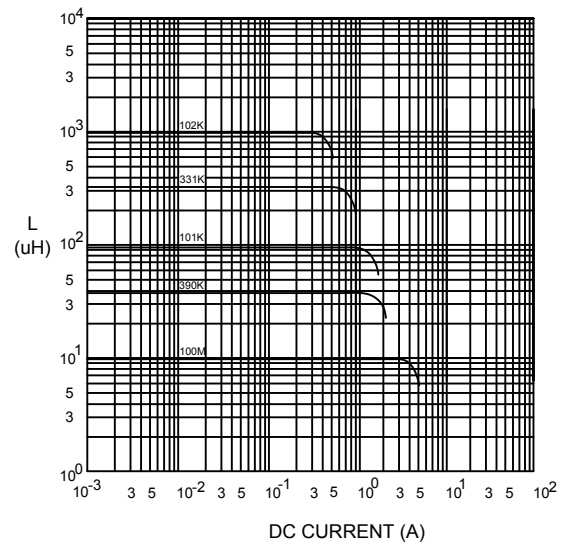
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ 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	100 PCS



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