RADIAL CHOKE COIL

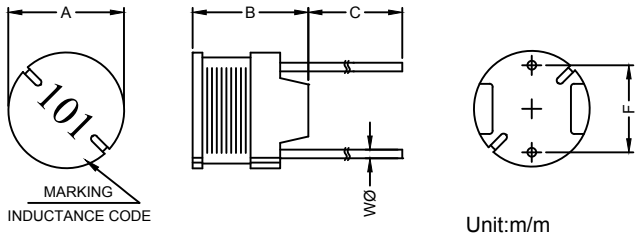
RCC0807 SERIES

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

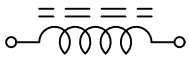
2. CONFIGURATION & DIMENSIONS :



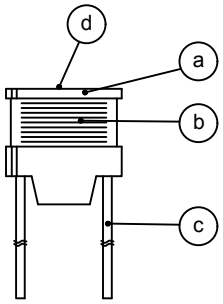
Unit:m/m

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

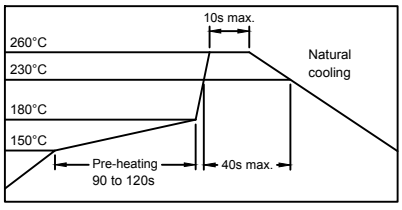
RoHS Compliant

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

6. ELECTRICAL CHARACTERISTICS :

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

RECOMMENDED SOLDERING CONDITIONS
REFLOW SOLDERINGS

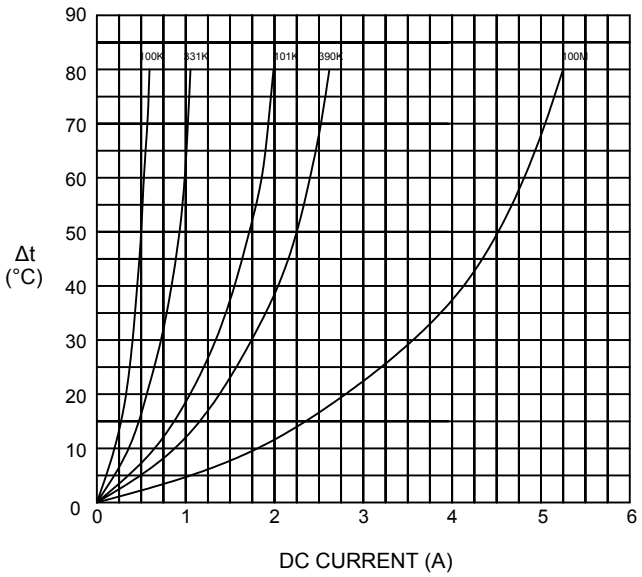


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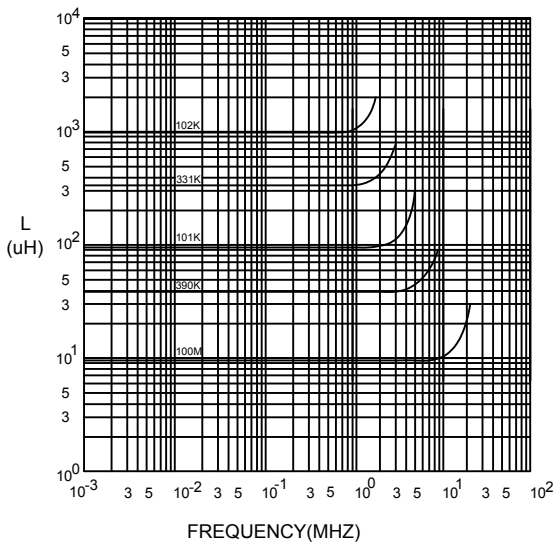
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7. CHARACTERISTICS CURVES :

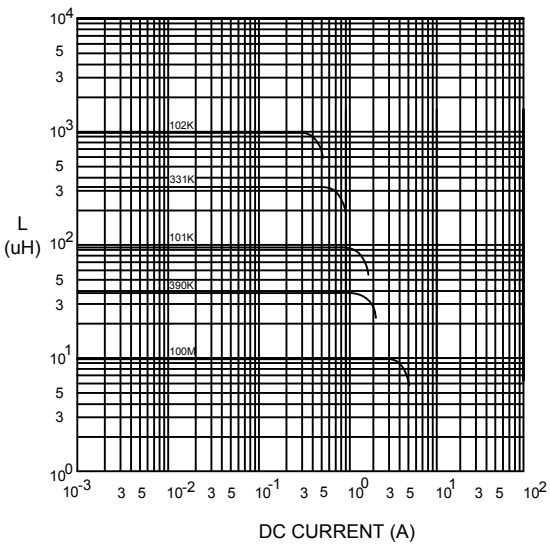
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



RoHS Compliant

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8. PACKAGING INFORMATION :

CODE	INNER PACKAGE	INNER PACKAGE Q'TY
F	TRAY	100 PCS

RoHS Compliant

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