RADIAL CHOKE COIL

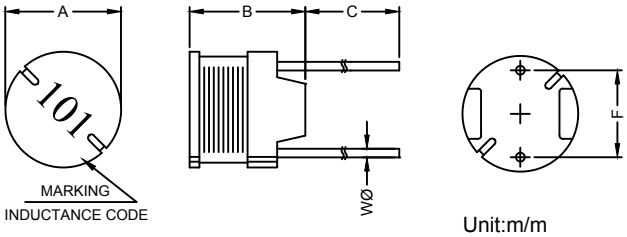
RCC0805 SERIES

1. PART NO. EXPRESSION :

R C C 0 8 0 5 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

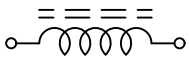
2. CONFIGURATION & DIMENSIONS :



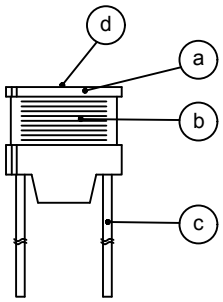
Unit:m/m

A	B	C	F	WØ
7.80±0.50	5.50 Max.	15.00±3.00	5.00±0.50	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

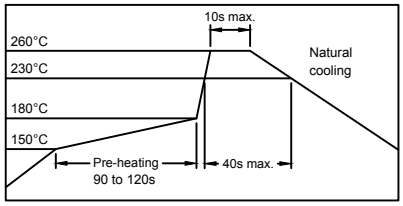
RoHS Compliant

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.
RCC0805100MZF	10±20%	1V/2.52M	0.07	2.50
RCC0805120MZF	12±20%	1V/2.52M	0.08	2.40
RCC0805150MZF	15±20%	1V/2.52M	0.09	2.10
RCC0805180MZF	18±20%	1V/2.52M	0.10	2.00
RCC0805220KZF	22±10%	1V/2.52M	0.12	1.70
RCC0805270KZF	27±10%	1V/2.52M	0.14	1.60
RCC0805330KZF	33±10%	1V/2.52M	0.17	1.40
RCC0805390KZF	39±10%	1V/2.52M	0.21	1.30
RCC0805470KZF	47±10%	1V/2.52M	0.24	1.20
RCC0805560KZF	56±10%	1V/2.52M	0.31	1.10
RCC0805680KZF	68±10%	1V/2.52M	0.34	1.00
RCC0805820KZF	82±10%	1V/2.52M	0.40	0.93
RCC0805101KZF	100±10%	1V/1K	0.52	0.81
RCC0805121KZF	120±10%	1V/1K	0.59	0.76
RCC0805151KZF	150±10%	1V/1K	0.71	0.67
RCC0805181KZF	180±10%	1V/1K	0.89	0.62
RCC0805221KZF	220±10%	1V/1K	1.04	0.54
RCC0805271KZF	270±10%	1V/1K	1.28	0.49
RCC0805331KZF	330±10%	1V/1K	1.47	0.44
RCC0805391KZF	390±10%	1V/1K	1.67	0.41
RCC0805471KZF	470±10%	1V/1K	1.95	0.38
RCC0805561KZF	560±10%	1V/1K	2.83	0.35
RCC0805681KZF	680±10%	1V/1K	3.25	0.32
RCC0805821KZF	820±10%	1V/1K	3.82	0.31
RCC0805102KZF	1000±10%	1V/1K	5.28	0.25

RECOMMENDED SOLDERING CONDITIONS
REFLOW SOLDERINGS

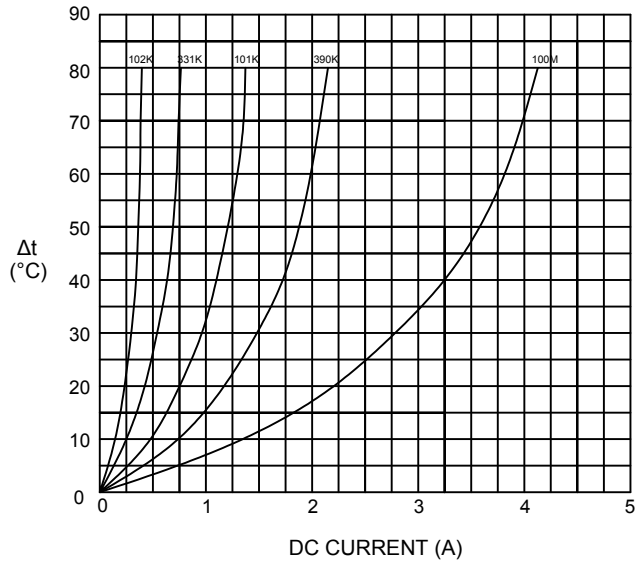


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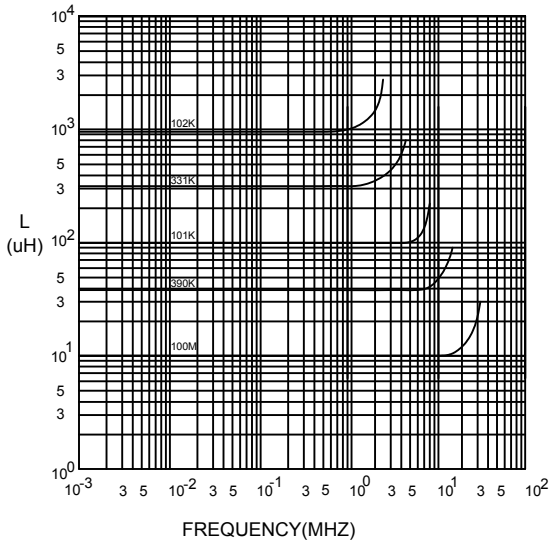
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7. CHARACTERISTICS CURVES :

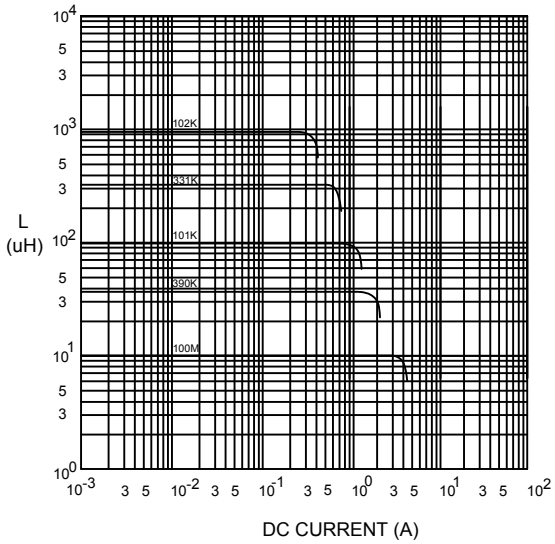
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ 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	160 PCS

RoHS Compliant

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