

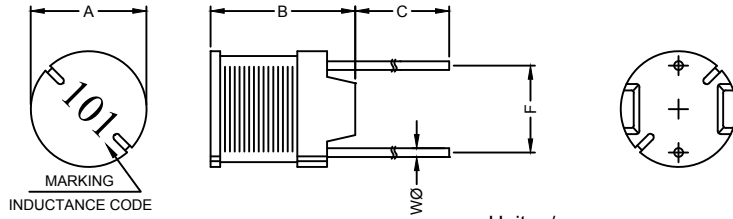
1. PART NO. EXPRESSION :

RCC1014101KZF
 (a) (b) (c) (d)(e)(f)

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

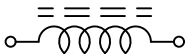
- (d) Tolerance code : K = ±10%
- (e) X, Y, Z : Standard part
- (f) F : Lead Free

2. CONFIGURATION & DIMENSIONS :

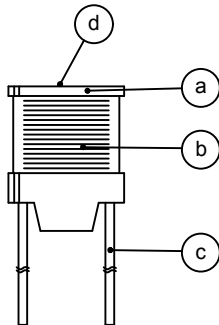


A	B	C	F	WØ
10.00±0.5	14.40 Max.	15.00±3.0	5.0±0.5	0.80±0.10

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 +125°C



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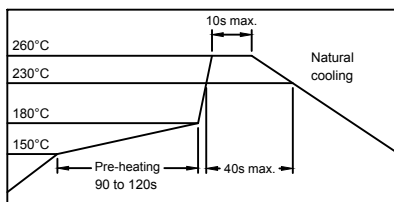


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6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCC1014100KZF	10.0 \pm 10%	1V/2.52M	0.033	4.00
RCC1014120KZF	12.0 \pm 10%	1V/2.52M	0.035	3.90
RCC1014150KZF	15.0 \pm 10%	1V/2.52M	0.039	3.70
RCC1014180KZF	18.0 \pm 10%	1V/2.52M	0.047	3.50
RCC1014220KZF	22.0 \pm 10%	1V/2.52M	0.051	3.30
RCC1014270KZF	27.0 \pm 10%	1V/2.52M	0.057	3.10
RCC1014330KZF	33.0 \pm 10%	1V/2.52M	0.064	2.90
RCC1014390KZF	39.0 \pm 10%	1V/2.52M	0.074	2.70
RCC1014470KZF	47.0 \pm 10%	1V/2.52M	0.083	2.50
RCC1014560KZF	56.0 \pm 10%	1V/2.52M	0.104	2.30
RCC1014680KZF	68.0 \pm 10%	1V/2.52M	0.117	2.10
RCC1014820KZF	82.0 \pm 10%	1V/2.52M	0.130	1.90
RCC1014101KZF	100.0 \pm 10%	1V/1K	0.143	1.70
RCC1014121KZF	120.0 \pm 10%	1V/1K	0.195	1.50
RCC1014151KZF	150.0 \pm 10%	1V/1K	0.221	1.40
RCC1014181KZF	180.0 \pm 10%	1V/1K	0.260	1.30
RCC1014221KZF	220.0 \pm 10%	1V/1K	0.350	1.20
RCC1014271KZF	270.0 \pm 10%	1V/1K	0.390	1.10
RCC1014331KZF	330.0 \pm 10%	1V/1K	0.520	1.00
RCC1014391KZF	390.0 \pm 10%	1V/1K	0.570	0.92
RCC1014471KZF	470.0 \pm 10%	1V/1K	0.650	0.84
RCC1014561KZF	560.0 \pm 10%	1V/1K	0.790	0.75
RCC1014681KZF	680.0 \pm 10%	1V/1K	0.960	0.69
RCC1014821KZF	820.0 \pm 10%	1V/1K	1.220	0.62
RCC1014102KZF	1000.0 \pm 10%	1V/1K	1.600	0.52

RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERINGS



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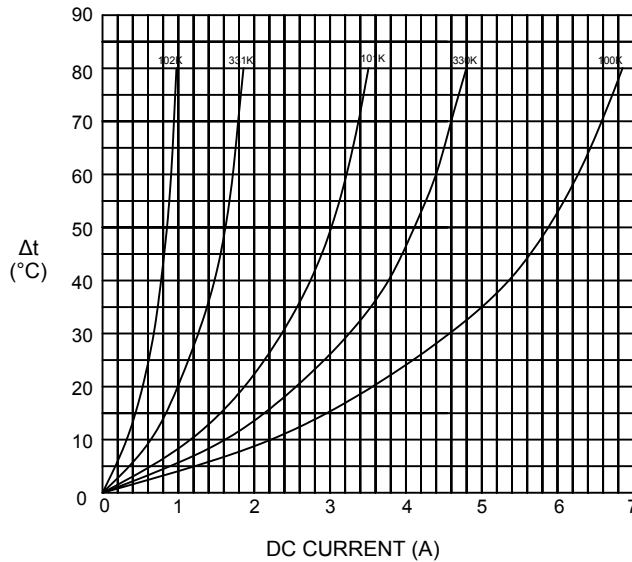
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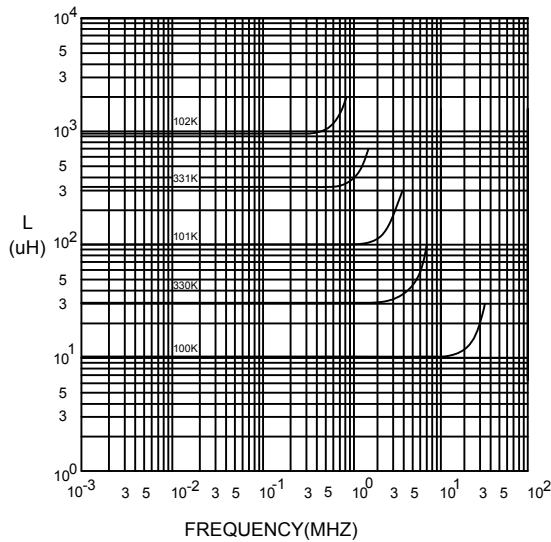
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7. CHARACTERISTICS CURVES :

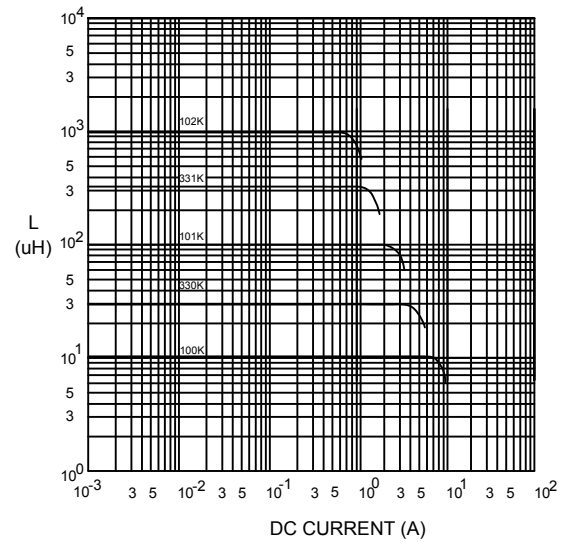
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ 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	100 PCS



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