

RADIAL CHOKE COIL

RCC0809 SERIES

1. PART NO. EXPRESSION :

R C C 0 8 0 9 1 0 1 M Z F

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

(a) Series code

(b) Dimension code

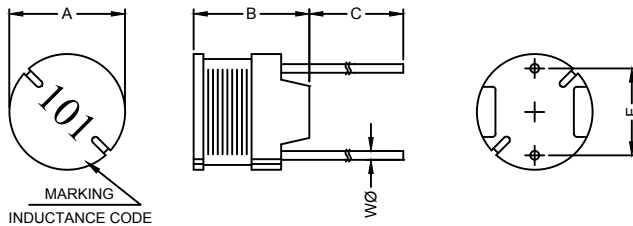
(c) Inductance code : 101 = 100uH

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

(e) X, Y, Z : Standard part

(f) F : Lead Free

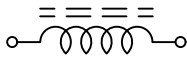
2. CONFIGURATION & DIMENSIONS :



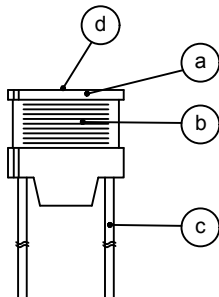
Unit:m/m

A	B	C	F	WØ
7.80±0.5	9.5 Max.	15.0±3.0	5.0±0.5	0.65±0.10

3. SCHEMATIC :



4. MATERIALS :



(a) CORE

(b) WIRE

(c) LEAD

(e) 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 125°C



RoHS Compliant

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

15.09.2016



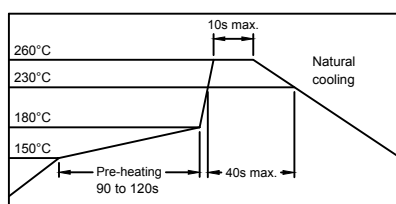
SUPERWORLD ELECTRONICS (S) PTE LTD

PG. 1

6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCC0809100MZF	10 \pm 20%	1V/2.52M	0.04	2.60
RCC0809120MZF	12 \pm 20%	1V/2.52M	0.04	2.60
RCC0809150KZF	15 \pm 10%	1V/2.52M	0.05	2.10
RCC0809180KZF	18 \pm 10%	1V/2.52M	0.05	2.00
RCC0809220KZF	22 \pm 10%	1V/2.52M	0.06	1.70
RCC0809270KZF	27 \pm 10%	1V/2.52M	0.06	1.60
RCC0809330KZF	33 \pm 10%	1V/2.52M	0.07	1.40
RCC0809390KZF	39 \pm 10%	1V/2.52M	0.08	1.40
RCC0809470KZF	47 \pm 10%	1V/2.52M	0.10	1.30
RCC0809560KZF	56 \pm 10%	1V/2.52M	0.11	1.20
RCC0809680KZF	68 \pm 10%	1V/2.52M	0.14	1.10
RCC0809820KZF	82 \pm 10%	1V/2.52M	0.16	1.00
RCC0809101KZF	100 \pm 10%	1V/1K	0.19	0.90
RCC0809121KZF	120 \pm 10%	1V/1K	0.22	0.82
RCC0809151KZF	150 \pm 10%	1V/1K	0.27	0.74
RCC0809181KZF	180 \pm 10%	1V/1K	0.31	0.71
RCC0809221KZF	220 \pm 10%	1V/1K	0.38	0.64
RCC0809271KZF	270 \pm 10%	1V/1K	0.53	0.57
RCC0809331KZF	330 \pm 10%	1V/1K	0.61	0.51
RCC0809391KZF	390 \pm 10%	1V/1K	0.69	0.48
RCC0809471KZF	470 \pm 10%	1V/1K	0.89	0.43
RCC0809561KZF	560 \pm 10%	1V/1K	1.01	0.40
RCC0809681KZF	680 \pm 10%	1V/1K	1.18	0.35
RCC0809821KZF	820 \pm 10%	1V/1K	1.57	0.32
RCC0809102KZF	1000 \pm 10%	1V/1K	1.84	0.30

RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERINGS



RoHS Compliant

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

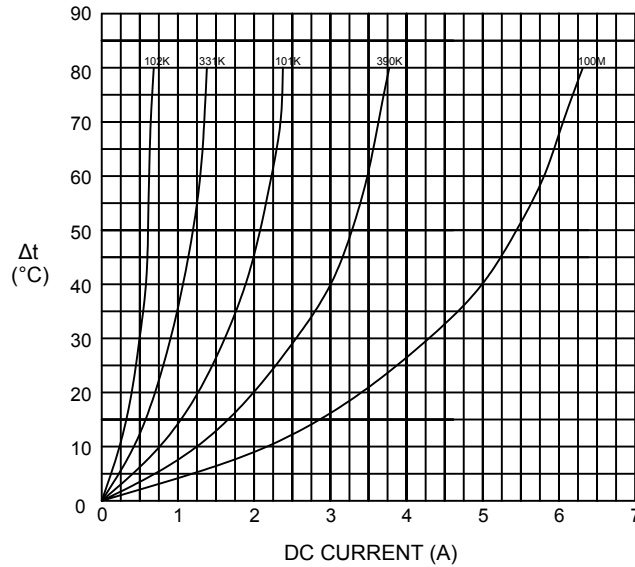
15.09.2016



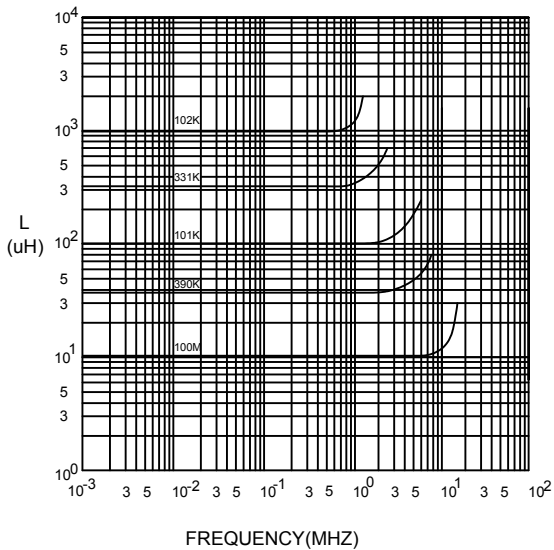
SUPERWORLD ELECTRONICS (S) PTE LTD

7. CHARACTERISTICS CURVES :

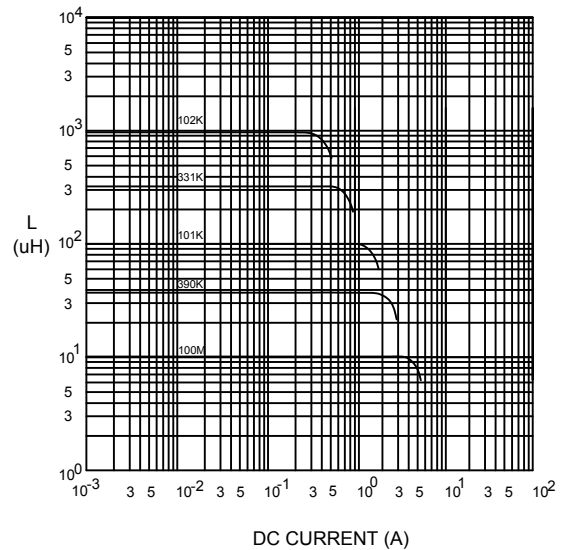
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



RoHS Compliant

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

15.09.2016



SUPERWORLD ELECTRONICS (S) PTE LTD

8. PACKAGING INFORMATION :

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



RoHS Compliant

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

15.09.2016



SUPERWORLD ELECTRONICS (S) PTE LTD