RADIAL CHOKE COIL

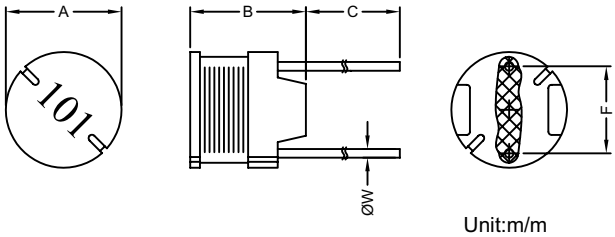
RCC0606 SERIES

1. PART NO. EXPRESSION :

R C C 0 6 0 6 2 2 0 K Z F
(a) (b) (c) (d)(e)(f)

(a) Series code
(b) Dimension code
(c) Inductance code : 220 = 22uH
(d) Tolerance code : K = ±10%
(e) X, Y, Z : Standard part
(f) F : Lead Free

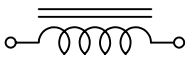
2. CONFIGURATION & DIMENSIONS :



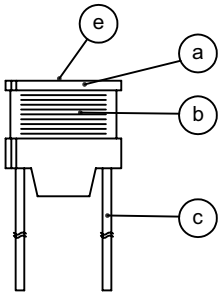
Unit:m/m

A	B	C	F	ØW
6.0±0.5	6.5 Max.	20.0±5.0	4.0±0.5	0.50±0.10

3. SCHEMATIC :



4. MATERIALS :



(a) Core : DR Ferrite Core
(b) Wire : Enamelled Copper Wire
(c) Lead : Tinned Copper Wire
(d) Adhesive : Epoxy
(e) Ink : Bon Margue

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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SUPERWORLD ELECTRONICS (S) PTE LTD

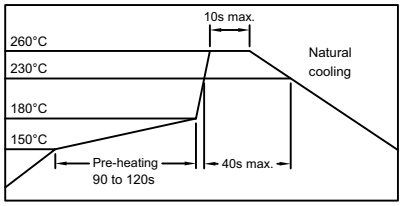
RADIAL CHOKE COIL

RCC0606 SERIES

6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μH)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCC0606220KZF	22±10%	2.52M	0.11	1.27
RCC0606270KZF	27±10%	2.52M	0.14	1.14
RCC0606330KZF	33±10%	2.52M	0.17	1.03
RCC0606390KZF	39±10%	2.52M	0.19	0.95
RCC0606470KZF	47±10%	2.52M	0.23	0.87
RCC0606560KZF	56±10%	2.52M	0.26	0.80
RCC0606680KZF	68±10%	2.52M	0.28	0.72
RCC0606820KZF	82±10%	2.52M	0.39	0.66
RCC0606101KZF	100±10%	1K	0.43	0.59
RCC0606121KZF	120±10%	1K	0.54	0.54
RCC0606151KZF	150±10%	1K	0.64	0.48
RCC0606181KZF	180±10%	1K	0.74	0.44
RCC0606221KZF	220±10%	1K	0.96	0.40
RCC0606271KZF	270±10%	1K	1.12	0.36
RCC0606331KZF	330±10%	1K	1.48	0.33
RCC0606391KZF	390±10%	1K	1.66	0.30
RCC0606471KZF	470±10%	1K	1.91	0.27
RCC0606561KZF	560±10%	1K	2.31	0.25
RCC0606681KZF	680±10%	1K	2.67	0.23
RCC0606821KZF	820±10%	1K	3.10	0.21
RCC0606102KZF	1000±10%	1K	4.45	0.19

RECOMMENDED SOLDERING CONDITIONS
REFLOW SOLDERINGS



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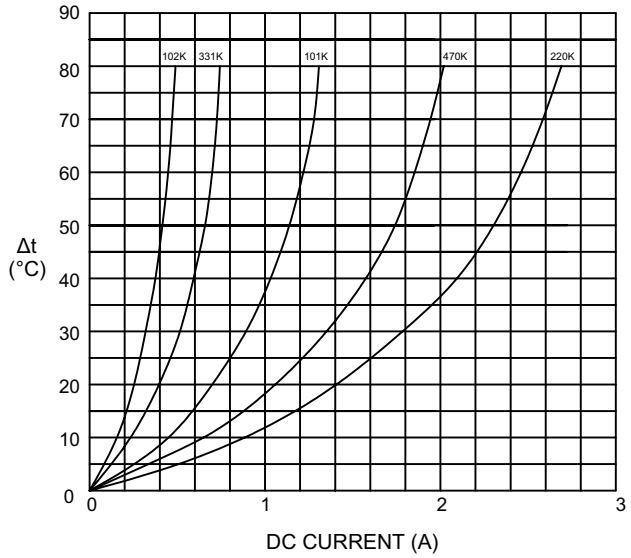
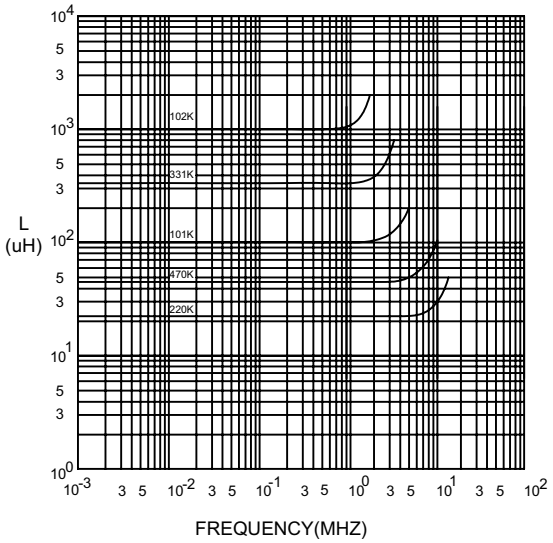
RCC0606 SERIES

7. CHARACTERISTICS CURVES :

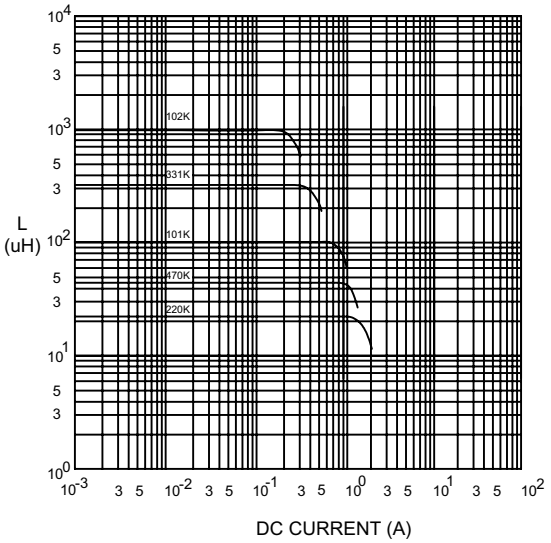
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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SUPERWORLD ELECTRONICS (S) PTE LTD

8. PACKAGING INFORMATION :

Size	RCC0606
Inner Package	Tray
Quantity	140 pcs

9. UL CARD :

OBMW2 November 30, 2000

Magnet Wire - Component

PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD E201757
607 BAOLONG INDUSTRIAL ESTATE LONGGANG, SHENZHEN
GUANGDONG CHINA

	Coating Type		ANSI	
Mtl Dsg	BC	TC	Type	TI
UEW/U	Polyurethane	—	—	130
PEW/U	Polyester	—	MW5-C	155°C
PEWH/U	Modified Polyester	—	MW30-C	180
PEW-NY/U	Polyester	Polyamide	MW24-C	155
HAI/U	Polyester(Amide)(Imide)	Polyamideimide	MW35,73	200
UEW-NY/U	Polyurethane	Polyamide	MW80-C	155
			MW28-C	130

Marking: Company name and material designation or marked designation on package or reel, and Recognized Component Mark.

See General Information Preceding These Recognitions

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