RADIAL CHOKE COIL

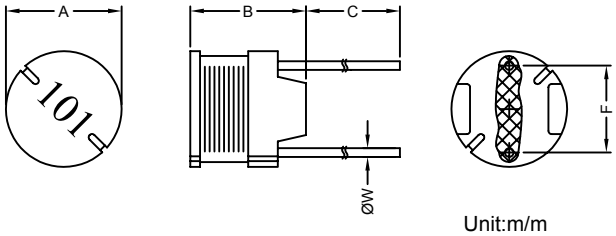
RCC0605 SERIES

1. PART NO. EXPRESSION :

R C C 0 6 0 5 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

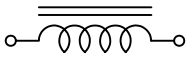
2. CONFIGURATION & DIMENSIONS :



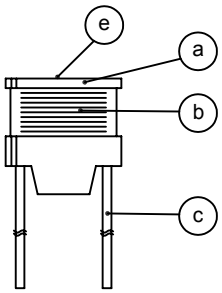
Unit:m/m

A	B	C	F	ØW
6.0±0.5	5.0 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

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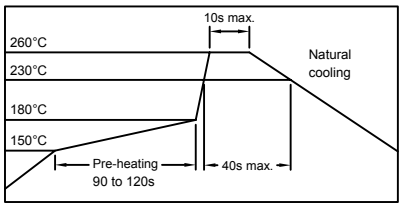
NOTE : Specifications subject to change without notice. Please check our website for latest information.

6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μH)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCC0605220KZF	22±10%	2.52M	0.18	0.90
RCC0605270KZF	27±10%	2.52M	0.21	0.81
RCC0605330KZF	33±10%	2.52M	0.27	0.74
RCC0605390KZF	39±10%	2.52M	0.29	0.68
RCC0605470KZF	47±10%	2.52M	0.34	0.62
RCC0605560KZF	56±10%	2.52M	0.42	0.57
RCC0605680KZF	68±10%	2.52M	0.48	0.51
RCC0605820KZF	82±10%	2.52M	0.55	0.47
RCC0605101KZF	100±10%	1K	0.68	0.42
RCC0605121KZF	120±10%	1K	0.77	0.39
RCC0605151KZF	150±10%	1K	0.95	0.35
RCC0605181KZF	180±10%	1K	1.15	0.32
RCC0605221KZF	220±10%	1K	1.30	0.29
RCC0605271KZF	270±10%	1K	1.55	0.26
RCC0605331KZF	330±10%	1K	2.18	0.23
RCC0605391KZF	390±10%	1K	2.47	0.21
RCC0605471KZF	470±10%	1K	2.92	0.20
RCC0605561KZF	560±10%	1K	3.97	0.18
RCC0605681KZF	680±10%	1K	4.57	0.16
RCC0605821KZF	820±10%	1K	5.28	0.15
RCC0605102KZF	1000±10%	1K	7.06	0.13

RECOMMENDED SOLDERING CONDITIONS
REFLOW SOLDERINGS



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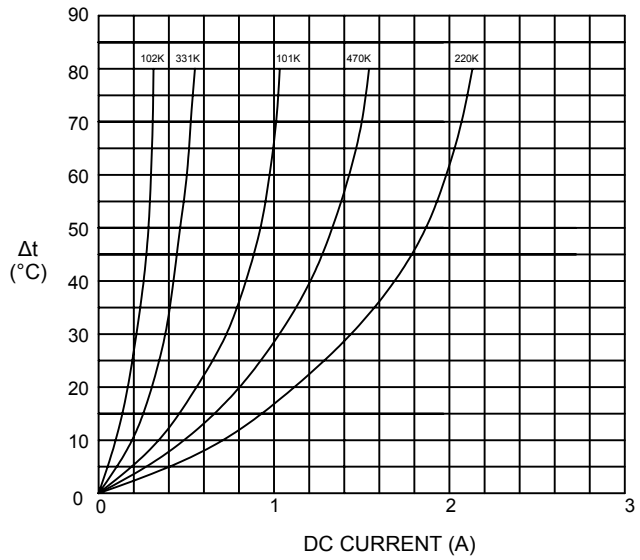
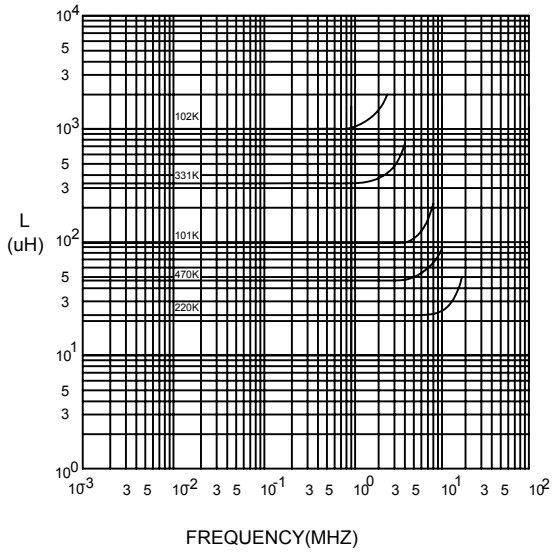
7. CHARACTERISTICS CURVES :

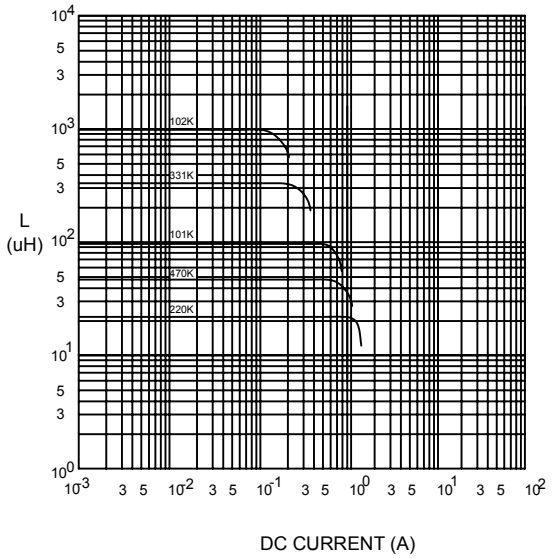
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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8. PACKAGING INFORMATION :

Size	RCC0605
Inner Package	Box (small)
Quantity	200 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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