

1. PART NO. EXPRESSION :

R C C 0 8 0 7 1 0 0 M Z F

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

(a) Series code

(b) Dimension code

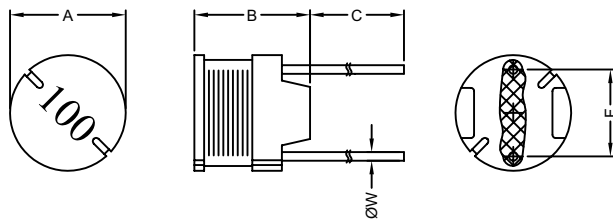
(c) Inductance code : 100 = 10uH

(d) Tolerance code : K = $\pm 10\%$, M = $\pm 20\%$

(e) X, Y, Z : Standard part

(f) F : Lead Free

2. CONFIGURATION & DIMENSIONS :



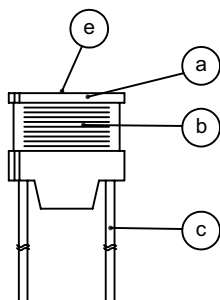
Unit:m/m

A	B	C	F	ØW
7.80 $\pm$ 0.5	7.50 Max.	15.00 $\pm$ 3.0	5.00 $\pm$ 0.5	0.65 $\pm$ 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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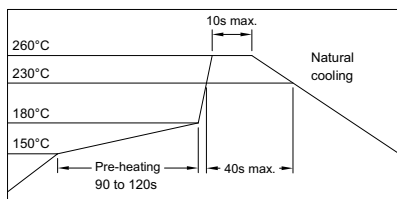
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6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCC0807100MZF	10 $\pm$ 20%	2.52M	0.05	2.90
RCC0807120MZF	12 $\pm$ 20%	2.52M	0.06	2.50
RCC0807150KZF	15 $\pm$ 10%	2.52M	0.07	2.20
RCC0807180KZF	18 $\pm$ 10%	2.52M	0.08	1.90
RCC0807220KZF	22 $\pm$ 10%	2.52M	0.09	1.80
RCC0807270KZF	27 $\pm$ 10%	2.52M	0.11	1.70
RCC0807330KZF	33 $\pm$ 10%	2.52M	0.13	1.50
RCC0807390KZF	39 $\pm$ 10%	2.52M	0.14	1.30
RCC0807470KZF	47 $\pm$ 10%	2.52M	0.15	1.30
RCC0807560KZF	56 $\pm$ 10%	2.52M	0.18	1.20
RCC0807680KZF	68 $\pm$ 10%	2.52M	0.20	1.10
RCC0807820KZF	82 $\pm$ 10%	2.52M	0.24	1.00
RCC0807101KZF	100 $\pm$ 10%	1K	0.28	0.89
RCC0807121KZF	120 $\pm$ 10%	1K	0.36	0.81
RCC0807151KZF	150 $\pm$ 10%	1K	0.42	0.72
RCC0807181KZF	180 $\pm$ 10%	1K	0.57	0.66
RCC0807221KZF	220 $\pm$ 10%	1K	0.63	0.57
RCC0807271KZF	270 $\pm$ 10%	1K	0.88	0.51
RCC0807331KZF	330 $\pm$ 10%	1K	1.05	0.46
RCC0807391KZF	390 $\pm$ 10%	1K	1.17	0.44
RCC0807471KZF	470 $\pm$ 10%	1K	1.34	0.41
RCC0807561KZF	560 $\pm$ 10%	1K	1.72	0.36
RCC0807681KZF	680 $\pm$ 10%	1K	1.96	0.33
RCC0807821KZF	820 $\pm$ 10%	1K	2.56	0.30
RCC0807102KZF	1000 $\pm$ 10%	1K	2.94	0.27

RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERINGS



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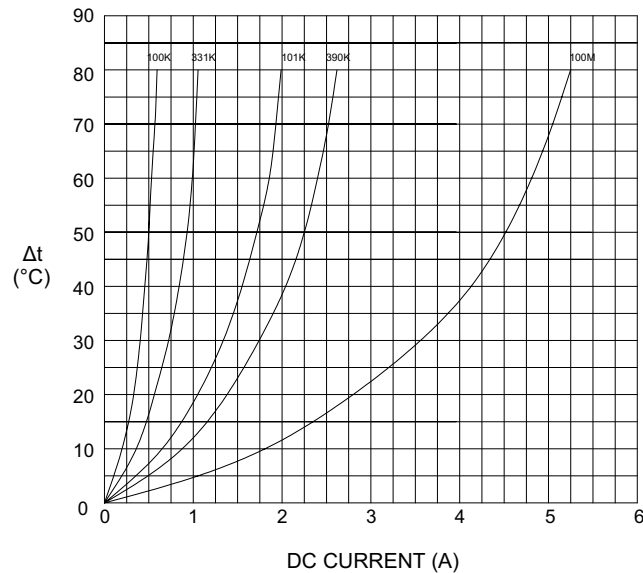


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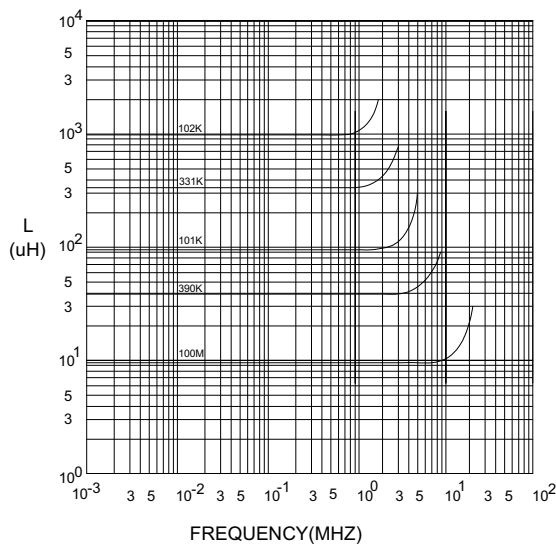
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7. CHARACTERISTICS CURVES :

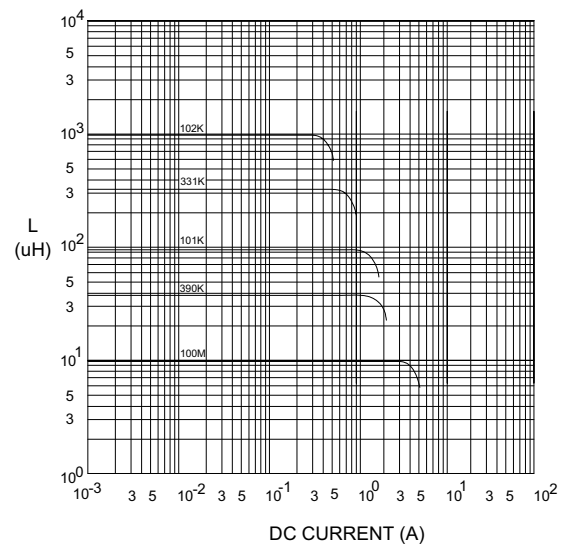
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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RADIAL CHOKE COIL

RCC0807 SERIES

8. PACKAGING INFORMATION :

Size	RCC0807
Inner Package	Tray
Quantity	100 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**

Mtl Dsg	BC	Coating Type	TC	ANSI 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

1/3/2001

Underwriters Laboratories Inc.

Card 1 of 2



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