

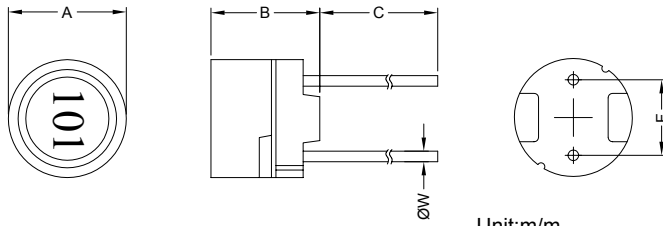
1. PART NO. EXPRESSION :

RCS0807220LZF
 (a) (b) (c) (d)(e)(f)

- (a) Series code
- (b) Dimension code
- (c) Inductance code : 220 = 22uH

- (d) Tolerance code : K = ±10%, L = ±15%
- (e) X, Y, Z : Standard part
- (f) F : Lead Free

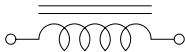
2. CONFIGURATION & DIMENSIONS :



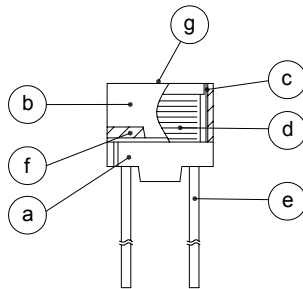
Unit:m/m

A	B	C	F	ØW
7.80±0.5	7.50 Max.	15.00±3.0	5.00±0.5	0.65±0.10

3. SCHEMATIC :



4. MATERIALS :



- (a) Core : DR Ferrite Core
- (b) Core : RI Ferrite Core
- (c) Sleeve : Phenolic
- (d) Wire : Enamelled Copper Wire
- (e) Lead : Tinned Copper Wire
- (f) Adhesive : Epoxy
- (g) 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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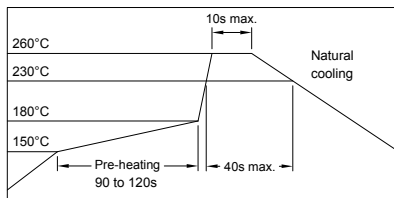
NOTE : Specifications subject to change without notice. Please check our website for latest information.

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6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μ H)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCS0807220LZF	22 \pm 15%	2.52M	0.08	1.60
RCS0807270LZF	27 \pm 15%	2.52M	0.10	1.40
RCS0807330LZF	33 \pm 15%	2.52M	0.14	1.30
RCS0807390LZF	39 \pm 15%	2.52M	0.15	1.20
RCS0807470LZF	47 \pm 15%	2.52M	0.17	1.10
RCS0807560KZF	56 \pm 10%	2.52M	0.19	0.99
RCS0807680KZF	68 \pm 10%	2.52M	0.21	0.89
RCS0807820KZF	82 \pm 10%	2.52M	0.27	0.81
RCS0807101KZF	100 \pm 10%	1K	0.32	0.74
RCS0807121KZF	120 \pm 10%	1K	0.36	0.67
RCS0807151KZF	150 \pm 10%	1K	0.51	0.60
RCS0807181KZF	180 \pm 10%	1K	0.57	0.55
RCS0807221KZF	220 \pm 10%	1K	0.76	0.50
RCS0807271KZF	270 \pm 10%	1K	0.86	0.45
RCS0807331KZF	330 \pm 10%	1K	0.97	0.41
RCS0807391KZF	390 \pm 10%	1K	1.28	0.37
RCS0807471KZF	470 \pm 10%	1K	1.44	0.34
RCS0807561KZF	560 \pm 10%	1K	1.61	0.31
RCS0807681KZF	680 \pm 10%	1K	2.07	0.28
RCS0807821KZF	820 \pm 10%	1K	2.33	0.26
RCS0807102KZF	1000 \pm 10%	1K	2.72	0.23

RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERINGS



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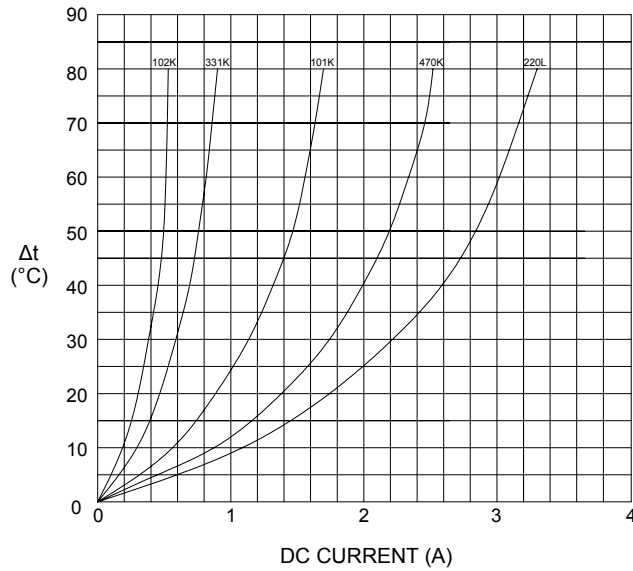
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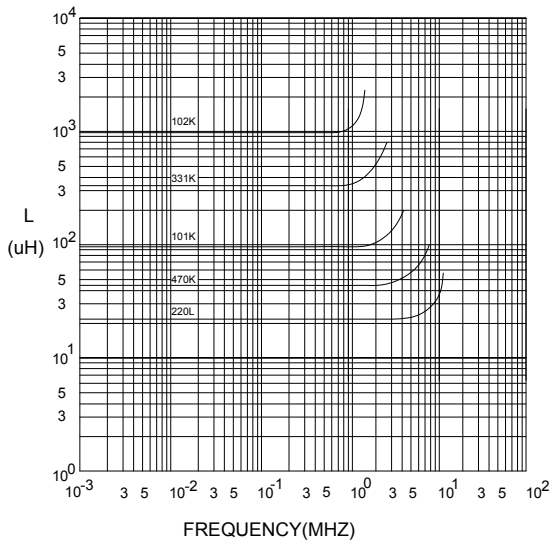
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7. CHARACTERISTICS CURVES :

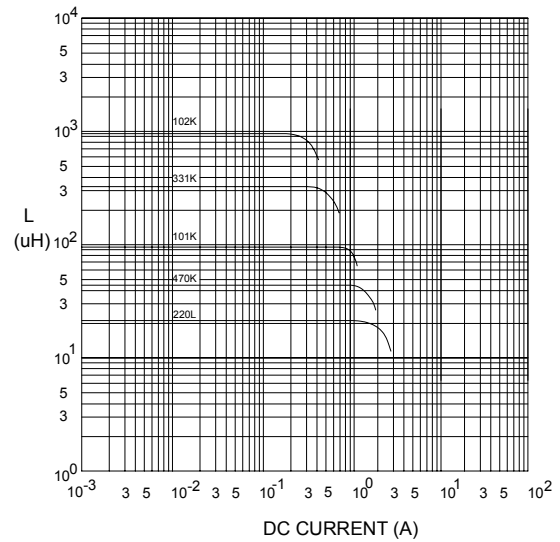
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



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RADIAL CHOKE COIL

RCS0807 SERIES

8. UL CARD :

QMFZ2		May 10, 1995									
Component-Plastics		SUMITOMO BAKELITE CO LTD									
		E41429 (M)									
		(B-cont. from A card)									
AM - 3130A	ALL	0.99	94V-0	130	130	130	0	3	—	—	—
		3.0	94V-0	130	130	130	0	2	—	5	0
AM-1120, AM112	BK	0.99	94V-0	130	130	130	—	—	—	—	—
AM-1130, AM-113	BK	0.40	94V-0	130	130	130	—	—	—	—	—
	BK,GN	0.75	94V-0	130	130	130	0	2	—	—	—
	ALL	1.1	94V-0	130	130	130	0	1	—	—	—
		1.5	94V-0	130	130	130	0	1	—	—	—
		3.0	94V-0	130	130	130	0	1	0	5	0
AM-1140, AM-1130, AM-3131, AM-3000, AM-300	ALL	1.1	94V-0	130	130	130	1	0	—	—	—
	BK	1.5	94V-0	130	130	130	1	0	—	—	—
		3.0	94V-0	130	130	130	0	0	0	5	0
	BK	0.74	94V-0	130	130	130	—	—	—	—	—

Reports: November 14,1983, September 16, 1971 : December 31,1973;September 16,1971.

Replaces E41429b dated June 7, 1994. (Cont. on C card)

683540014 N7047 Underwriters Laboratories Inc.® D11/0029309

OBMW2		November 30, 2000				
Magnet Wire - Component		PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD				
		607 BAOLONG INDUSTRIAL ESTATE LONGGANG, SHENZHEN				
		GUANGDONG CHINA				
		E201757				
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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