RADIAL CHOKE COIL

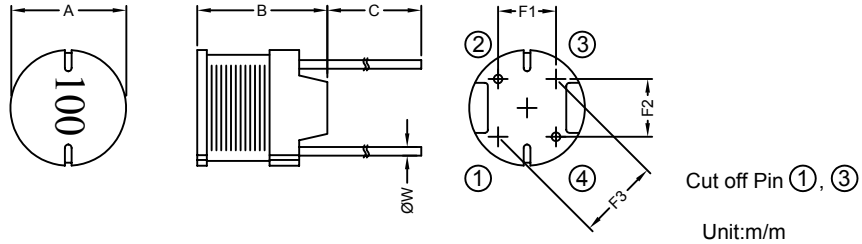
RCC1010 SERIES

1. PART NO. EXPRESSION :

R C C 1 0 1 0 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 = ±10%, M = ±20%
(e) X, Y, Z : Standard part
(f) F : Lead Free

2. CONFIGURATION & DIMENSIONS :

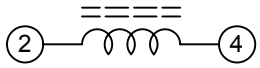


Cut off Pin ①, ③

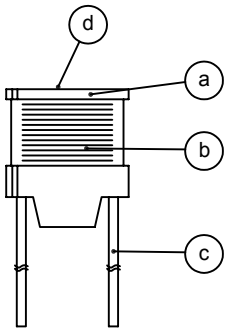
Unit:m/m

A	B	C	F1	F2	F3	ØW
10.0±0.5	10.0±0.5	15.0±3.0	4.0±0.5	5.0±0.5	6.4±0.5	0.65±0.10

3. SCHEMATIC :



4. MATERIALS :



(a) Core : DR Ferrite Core
(b) Wire : Enamelled Copper Wire
(c) Lead : Tinned Copper Wire
(d) 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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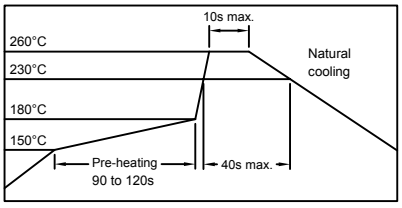
RADIAL CHOKE COIL

RCC1010 SERIES

6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μH)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCC1010100MZF	10±20%	2.52M	0.022	5.30
RCC1010120MZF	12±20%	2.52M	0.023	4.90
RCC1010150MZF	15±20%	2.52M	0.026	4.40
RCC1010180MZF	18±20%	2.52M	0.033	4.00
RCC1010220MZF	22±20%	2.52M	0.037	3.60
RCC1010270MZF	27±20%	2.52M	0.048	3.30
RCC1010330KZF	33±10%	2.52M	0.055	2.90
RCC1010390KZF	39±10%	2.52M	0.073	2.70
RCC1010470KZF	47±10%	2.52M	0.083	2.50
RCC1010560KZF	56±10%	2.52M	0.092	2.30
RCC1010680KZF	68±10%	2.52M	0.120	2.10
RCC1010820KZF	82±10%	2.52M	0.140	1.90
RCC1010101KZF	100±10%	1K	0.160	1.70
RCC1010121KZF	120±10%	1K	0.200	1.50
RCC1010151KZF	150±10%	1K	0.230	1.40
RCC1010181KZF	180±10%	1K	0.310	1.30
RCC1010221KZF	220±10%	1K	0.340	1.10
RCC1010271KZF	270±10%	1K	0.400	1.00
RCC1010331KZF	330±10%	1K	0.520	0.93
RCC1010391KZF	390±10%	1K	0.650	0.86
RCC1010471KZF	470±10%	1K	0.710	0.78
RCC1010561KZF	560±10%	1K	1.000	0.71
RCC1010681KZF	680±10%	1K	1.100	0.65
RCC1010821KZF	820±10%	1K	1.300	0.59
RCC1010102KZF	1000±10%	1K	1.700	0.53

RECOMMENDED SOLDERING CONDITIONS
REFLOW SOLDERINGS



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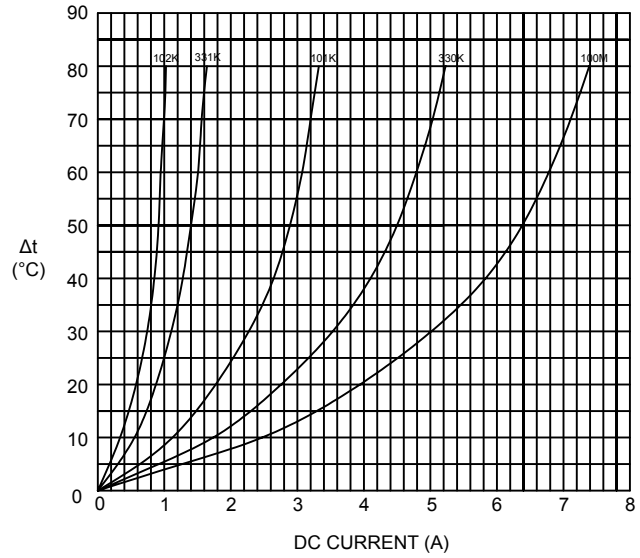
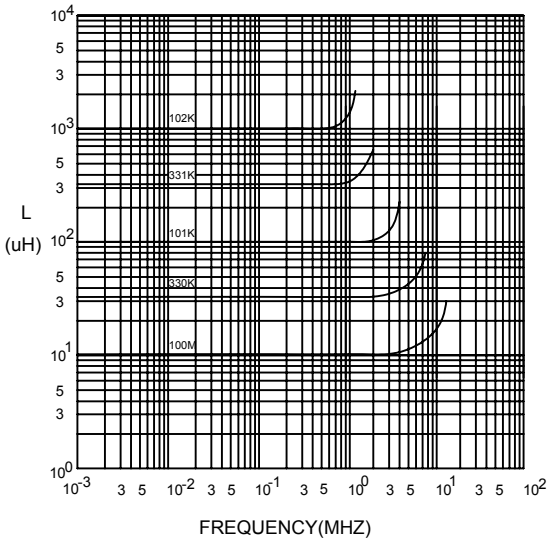
RCC1010 SERIES

7. CHARACTERISTICS CURVES :

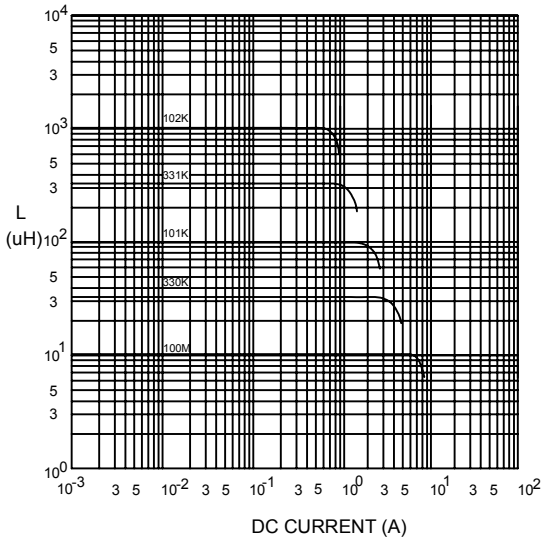
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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8. PACKAGING INFORMATION :

Size	RCC1010
Inner Package	Tray
Quantity	120 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

1/3/2001 Underwriters Laboratories Inc. Card 1 of 2

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