RADIAL CHOKE COIL

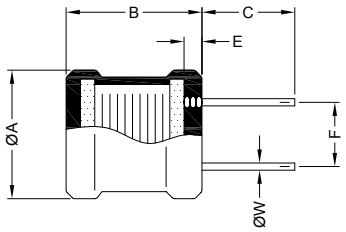
RCB1620 SERIES

1. PART NO. EXPRESSION :

R C B 1 6 2 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

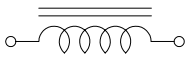
2. CONFIGURATION & DIMENSIONS :



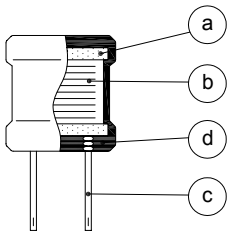
Unit:m/m

ØA	B	C	E	F	ØW
16.0 Max.	20.0 Max.	15.0±5.0	3.0 Max.	8.0±1.5	1.0±0.1

3. SCHEMATIC :



4. MATERIALS :



(a) Core : DR Ferrite Core
(b) Wire : Enamelled Copper Wire
(c) Lead : Tinned Copper Wire
(d) Tube : Shrinkable Tube

5. GENERAL SPECIFICATION :

a) The inductance drop at rated current is 10% max.
b) Temp. rise : 45°C at rated current
c) Storage temp. : -40°C to +125°C
d) Operating temp. : -25°C to +80°C

RoHS Compliant

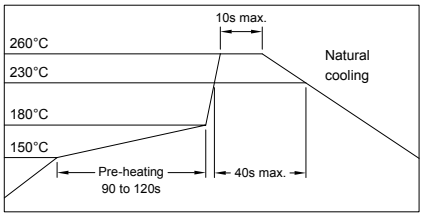
NOTE : Specifications subject to change without notice. Please check our website for latest information.

6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μH)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
RCB1620100MZF	10 ±20%	1K / 1V	0.024	5.0
RCB1620250KZF	25 ±10%	1K / 1V	0.040	4.0
RCB1620500KZF	50 ±10%	1K / 1V	0.060	3.0
RCB1620101KZF	100 ±10%	1K / 1V	0.090	2.0
RCB1620251KZF	250 ±10%	1K / 1V	0.180	1.5
RCB1620501KZF	500 ±10%	1K / 1V	0.400	1.0
RCB1620102KZF	1000 ±10%	1K / 1V	0.800	0.7

RECOMMENDED SOLDERING CONDITIONS

REFLOW SOLDERINGS

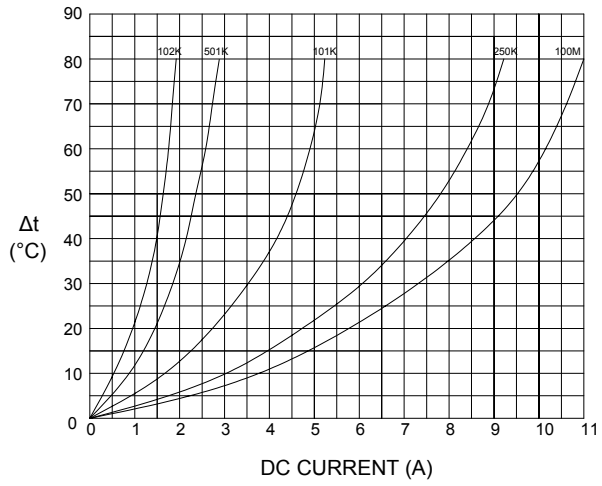


RoHS Compliant

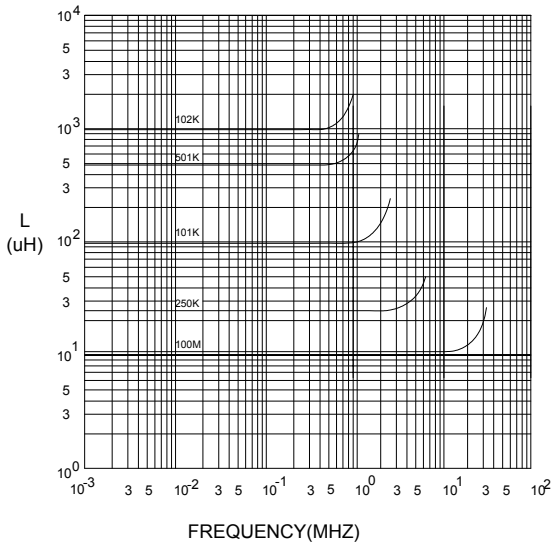
NOTE : Specifications subject to change without notice. Please check our website for latest information.

7. CHARACTERISTICS CURVES :

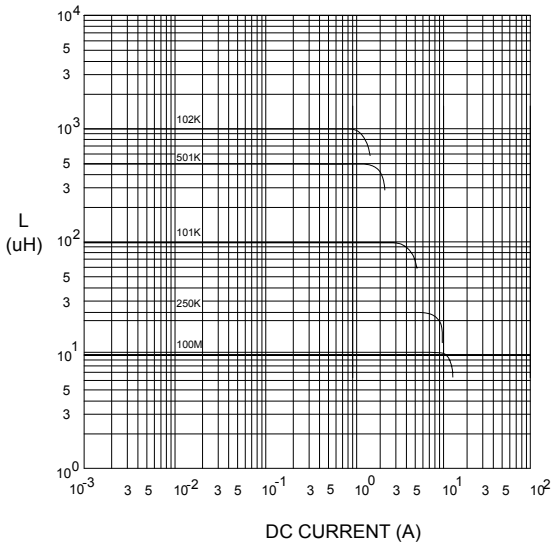
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



RoHS Compliant

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8. 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

YDPU8 August 18, 1999

Tubing Extruded Insulating Certified For Canada - Component

SHENZHEN CHANGBAO SPECIAL PLASTIC PRODUCTS CO LTD E180908
SHENZEN SCIENCE & INDUSTRY PARK NAN SHAN
SHENZHEN, GUANGDONG 518057 CHINA

Cat. No.	Max V	Max Temp C	Col Recognized	Max Temp Rated Oil Resistance *C	OFT Rated #
Polyolefin heat shrinkable tubing.					
Changbao 102	600	125	All	—	Yes

#Tubing is consideed to comply with the optional OFT flammability requirements only if it is so marked.

Marking: Company name, catalog number and temperature rating in degrees C appears on tubing, tags attached to both ends of the tubing or on the shipping spool label or smallest unit container and the Recognized Component Mark for Canada .

See Geberal Information Preceding These Recognitions

For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

8/31/1999 Underwriters Laboratories Inc. Card 1 of 1

RoHS Compliant