RADIAL CHOKE COIL

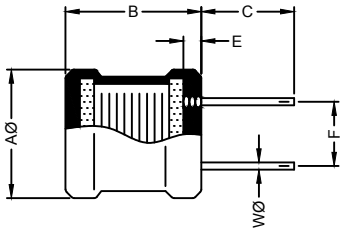
RCB1620 SERIES

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

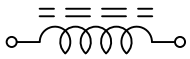
2. CONFIGURATION & DIMENSIONS :



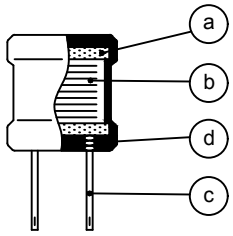
Unit:m/m

AØ	B	C	E	F	WØ
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
(b) WIRE
(c) LEAD
(d) TUBE

5. GENERAL SPECIFICATION :

a) THE INDUCTANCE DROP AT RATED CURRENT IS 10% MAX.
b) TEMP. RISE：45℃ MAX. AT RATED CURRENT
c) STORAGE TEMP. : -40°C TO +125°C
d) OPERATING TEMP. : -25°C TO +125°C

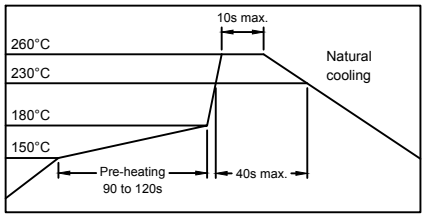
RoHS Compliant

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%	1V / 1K	0.024	5.0
RCB1620250KZF	25 ±10%	1V / 1K	0.040	4.0
RCB1620500KZF	50 ±10%	1V / 1K	0.060	3.0
RCB1620101KZF	100 ±10%	1V / 1K	0.090	2.0
RCB1620251KZF	250 ±10%	1V / 1K	0.180	1.5
RCB1620501KZF	500 ±10%	1V / 1K	0.400	1.0
RCB1620102KZF	1000 ±10%	1V / 1K	0.800	0.7

RECOMMENDED SOLDERING CONDITIONS
REFLOW SOLDERINGS

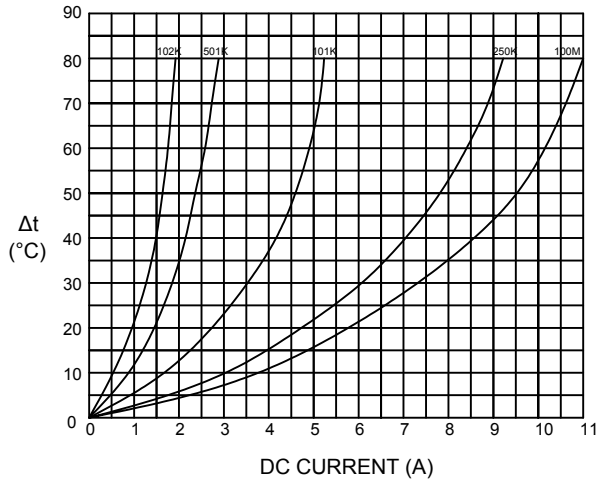


RoHS Compliant

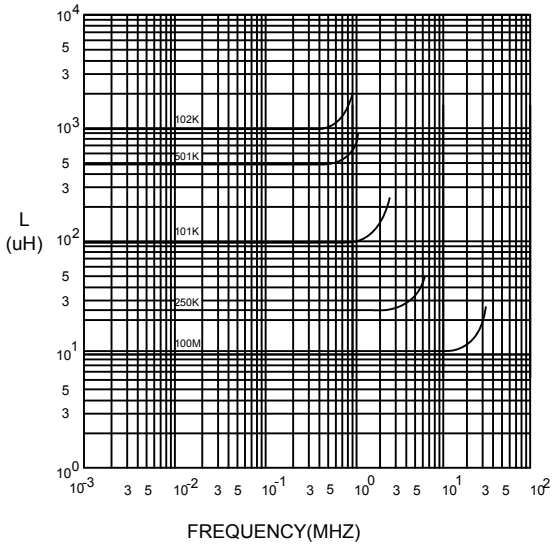
NOTE : Specifications subject to change without notice. Please check our website for latest information.

7. CHARACTERISTICS CURVES :

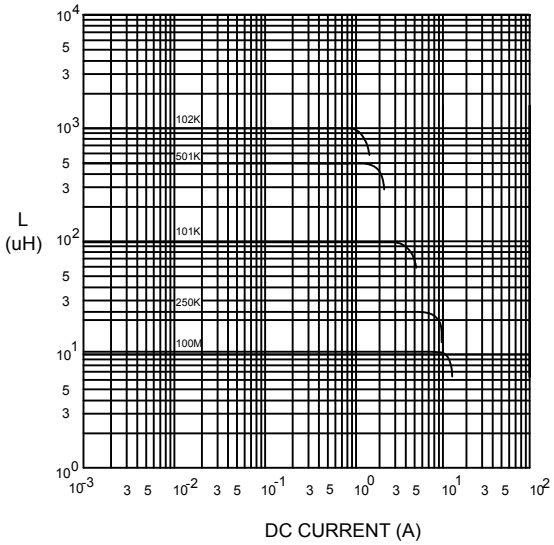
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



RoHS Compliant

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8. PACKAGING INFORMATION :

CODE	INNER PACKAGE	INNER PACKAGE Q'TY
F	TRAY	100 PCS

RoHS Compliant

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