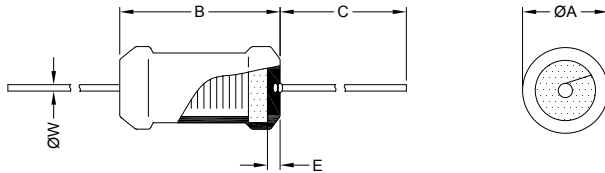


1. PART NO. EXPRESSION :

<u>A</u>	<u>B</u>	<u>0618100</u>	<u>K</u>	<u>Z</u>	<u>F</u>	(a) Series code	(d) Tolerance code : K = ±10%
(a)	(b)	(c)	(d)(e)(f)			(b) Dimension code	(e) X, Y, Z : Standard part
						(c) Inductance code : 100 = 10uH	(f) F : Lead Free

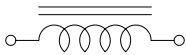
2. CONFIGURATION & DIMENSIONS :



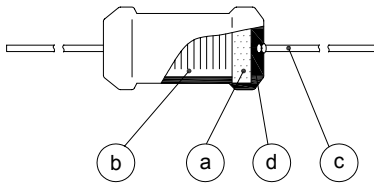
Unit:m/m

ØA	B	C	E	ØW
6.00 Max.	18.00 Max.	25.00±5.0	3.00 Max.	0.65±0.10

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 max. at rated current
- c) Storage temp. : -40°C to +125°C
- d) Operating temp. : -40°C to +80°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 Freq. (Hz)	RDC (Ω) Max.	IDC (A) Max.
AIB0618100KZF	10 \pm 10%	1K / 1V	0.075	2.00
AIB0618250KZF	25 \pm 10%	1K / 1V	0.150	1.20
AIB0618500KZF	50 \pm 10%	1K / 1V	0.200	0.80
AIB0618101KZF	100 \pm 10%	1K / 1V	0.300	0.60
AIB0618251KZF	250 \pm 10%	1K / 1V	1.000	0.40
AIB0618501KZF	500 \pm 10%	1K / 1V	2.000	0.25
AIB0618102KZF	1000 \pm 10%	1K / 1V	3.000	0.20



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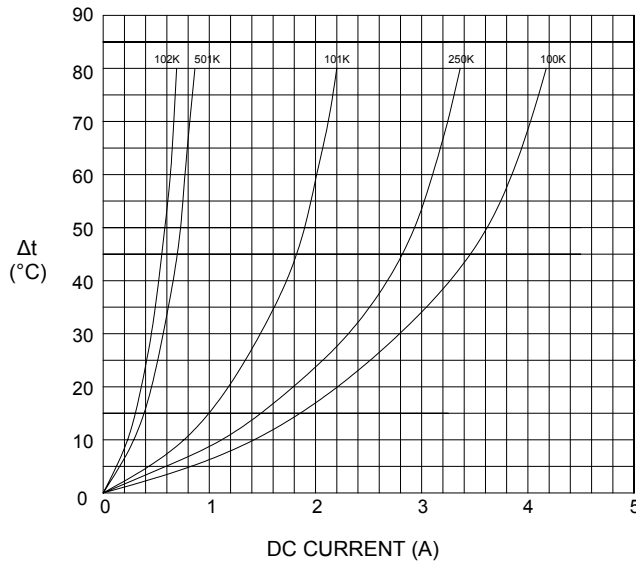
18.04.2008



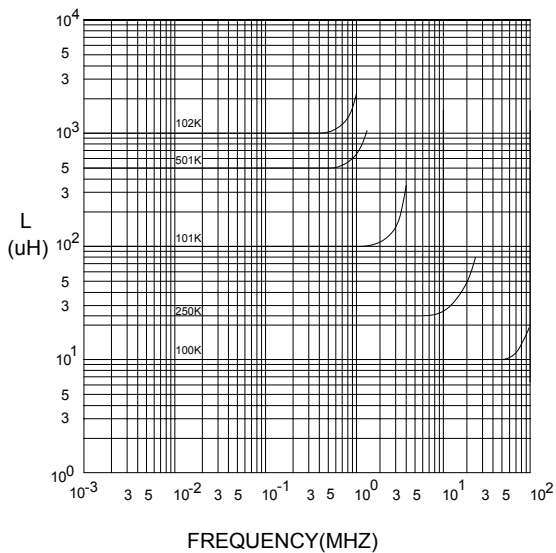
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7. CHARACTERISTICS CURVES :

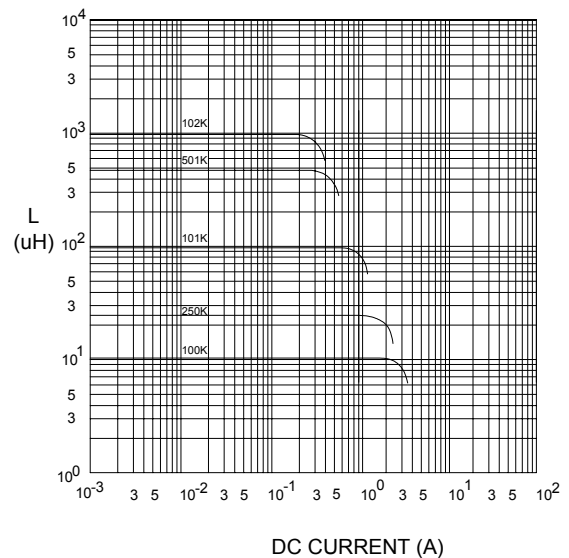
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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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

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

YDPU8 **August 18, 1999**
Tubing Extruded Insulating Certified For Canada - Component
SHENZHEN CHANGBAO SPECIAL PLASTIC PRODUCTS CO LTD **E180908**
 SHENZHEN 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 considered 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 General 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



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18.04.2008



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