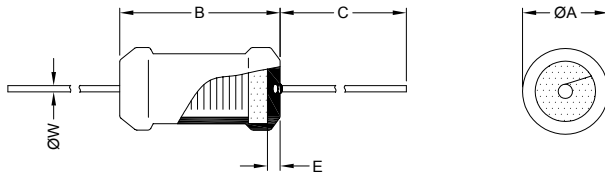


1. PART NO. EXPRESSION :

<u>A</u> <u>B</u> <u>1 2 2 6 1 0 0</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

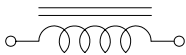
2. CONFIGURATION & DIMENSIONS :



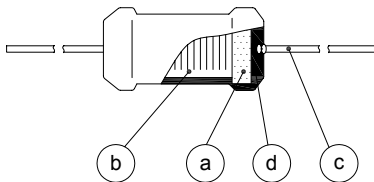
Unit:m/m

ØA	B	C	E	ØW
12.0 Max.	26.0 Max.	25.0±5.0	3.0 Max.	0.8±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



RoHS Compliant

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

18.04.2008



SUPERWORLD ELECTRONICS (S) PTE LTD

6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (μH)	Test Frequency (Hz)	RDC (Ω) Max.	IDC (A) Max.
AIB1226100KZF	10 \pm 10%	1K / 1V	0.030	5.00
AIB1226250KZF	25 \pm 10%	1K / 1V	0.045	4.00
AIB1226500KZF	50 \pm 10%	1K / 1V	0.080	3.00
AIB1226101KZF	100 \pm 10%	1K / 1V	0.125	2.00
AIB1226251KZF	250 \pm 10%	1K / 1V	0.300	1.20
AIB1226501KZF	500 \pm 10%	1K / 1V	0.500	0.80
AIB1226102KZF	1000 \pm 10%	1K / 1V	1.200	0.60



RoHS Compliant

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

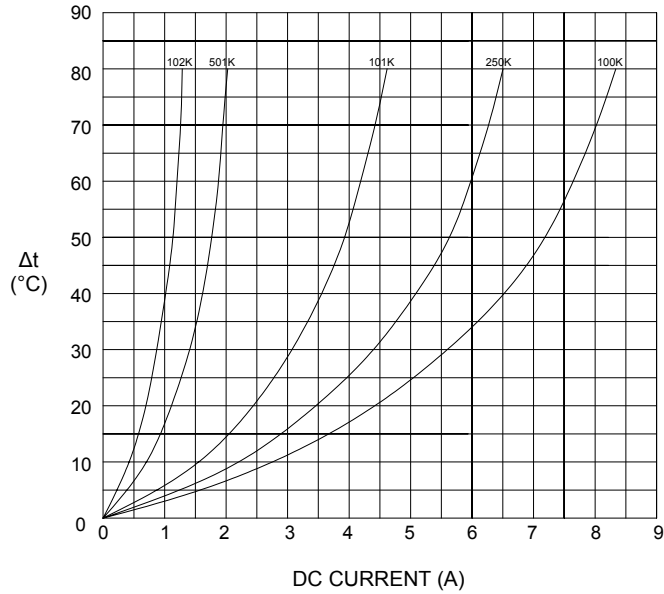
18.04.2008



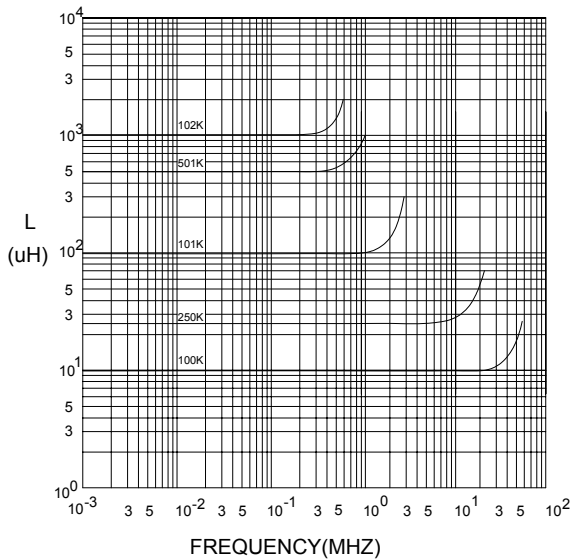
SUPERWORLD ELECTRONICS (S) PTE LTD

7. CHARACTERISTICS CURVES :

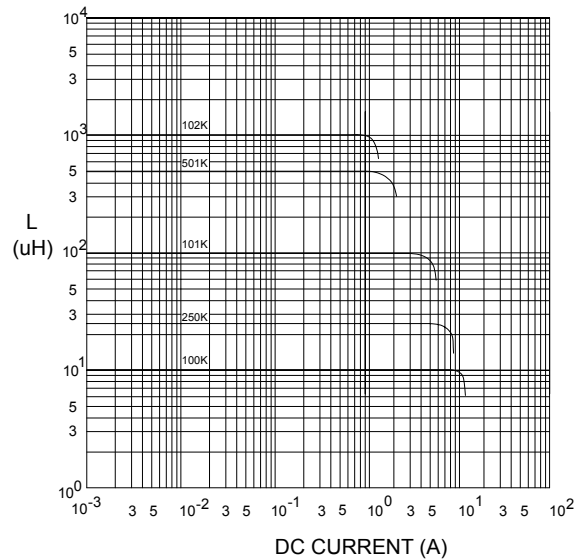
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



RoHS Compliant

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

18.04.2008



SUPERWORLD ELECTRONICS (S) PTE LTD

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	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**
Tube 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



RoHS Compliant

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

