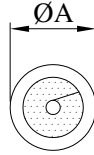
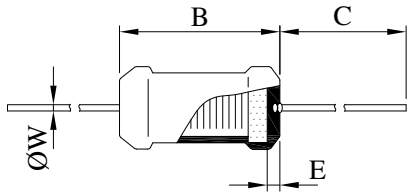


SPECIFICATION FOR APPROVAL

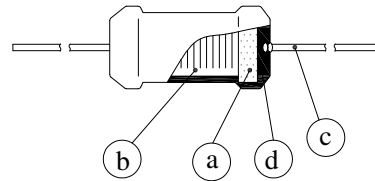
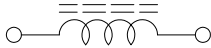
Product Name	AXIAL FIXED INDUCTORS (LEAD FREE)	Page	1
Tai-Tech Part No.	SWIB0618 SERIES		

1. CONFIGURATION & DIMENSIONS :



ØA :	6.00 MAX.	mm
B :	18.00 MAX.	mm
C :	25.00±5.0	mm
E :	3.00 MAX.	mm
ØW :	0.65±0.10	mm

2. SCHEMATIC DIAGRAM :



3. MATERIALS :

NO.	DESCRIPTION	SPECIFICATION	REMARK
a.	CORE	DR FERRITE CORE	
b.	WIRE	ENAMELLED COPPER WIRE	
c.	LEAD	TINNED COPPER WIRE	
d.	TUBE	SHRINKABLE TUBE	

4. 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 ----- +125°C
- d. OPERATING TEMP. : -25°C ----- +80°C



RoHS Compliant

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

12.09.2006



TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD

SPECIFICATION FOR APPROVAL

Product Name	AXIAL FIXED INDUCTORS (LEAD FREE)	Page	2
Tai-Tech Part No.	SWIB0618 SERIES		

5. ELECTRICAL CHARACTERISTICS :

PART NO.	INDUCTANCE (μ H)	TEST FREQ. (Hz)	RDC (OHM) MAX.	IDC (A) MAX.
SWIB0618-100KF	10 \pm 10%	1K / 1V	0.075	2.00
SWIB0618-250KF	25 \pm 10%	1K / 1V	0.150	1.20
SWIB0618-500KF	50 \pm 10%	1K / 1V	0.200	0.80
SWIB0618-101KF	100 \pm 10%	1K / 1V	0.300	0.60
SWIB0618-251KF	250 \pm 10%	1K / 1V	1.000	0.40
SWIB0618-501KF	500 \pm 10%	1K / 1V	2.000	0.25
SWIB0618-102KF	1000 \pm 10%	1K / 1V	3.000	0.20



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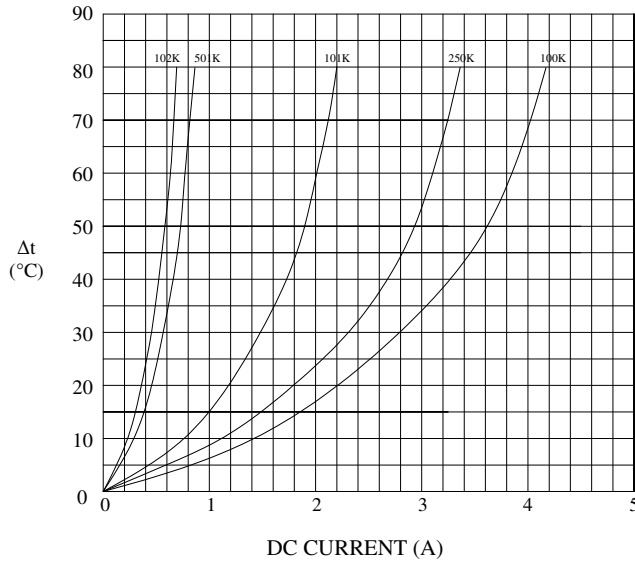
TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD

SPECIFICATION FOR APPROVAL

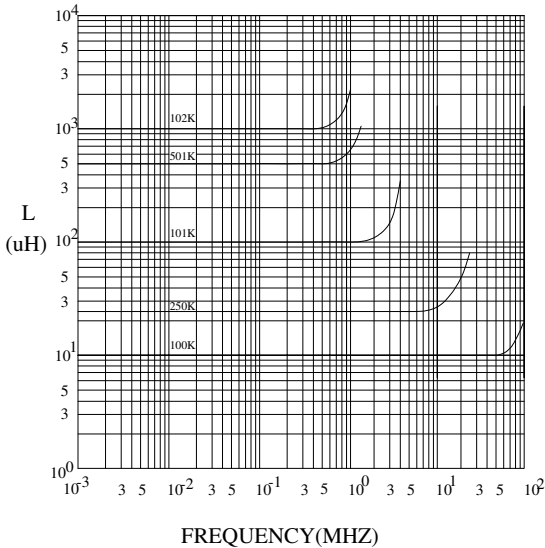
Product Name	AXIAL FIXED INDUCTORS (LEAD FREE)	Page	3
Tai-Tech Part No.	SWIB0618 SERIES		

6. CHARACTERISTICS CURVES :

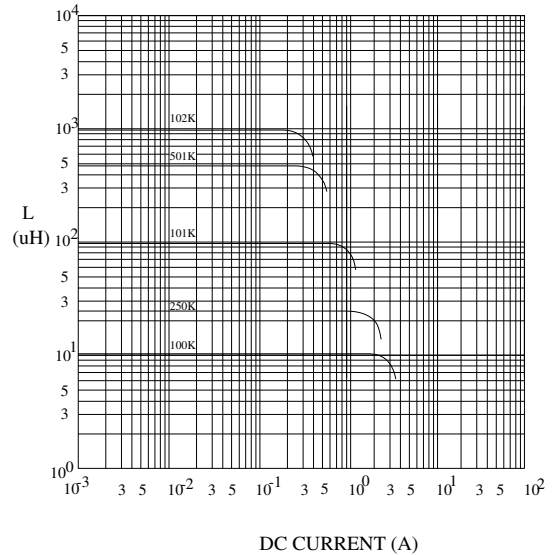
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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