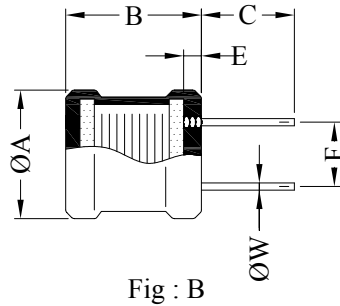
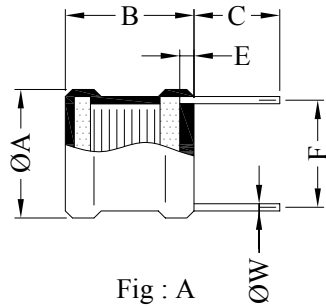


# SPECIFICATION FOR APPROVAL

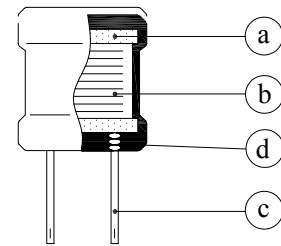
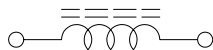
Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	1
Tai-Tech Part No.	S2023 STANDARD SERIES		

## 1. CONFIGURATION & DIMENSIONS :



A :	20.0 MAX.	m/m
B :	23.0 MAX.	m/m
C :	15.0±5.0	m/m
E :	3.0 MAX.	m/m

## 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.*

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# SPECIFICATION FOR APPROVAL

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## 5. ELECTRICAL CHARACTERISTICS :

PART NO.	INDUCTANCE ( $\mu$ H)	TEST FREQ. (HZ)	RDC ( Ohm ) MAX.	IDC ( A ) MAX.	DIMENSIONS		Fig
					F m/m	W m/m	
S2023-100M10RF	10 $\pm$ 20%	1K / 1V	0.008	10.0	15.5	1.3	A
S2023-500K5R0F	50 $\pm$ 10%	1K / 1V	0.032	5.0	15.5	1.0	A
S2023-101K4R0F	100 $\pm$ 10%	1K / 1V	0.060	4.0	15.5	0.9	A
S2023-251K2R5F	250 $\pm$ 10%	1K / 1V	0.140	2.5	12.5	1.0	B
S2023-501K1R5F	500 $\pm$ 10%	1K / 1V	0.280	1.5	12.5	1.0	B
S2023-102K1R2F	1000 $\pm$ 10%	1K / 1V	0.550	1.2	12.5	1.0	B
S2023-202KR80F	2000 $\pm$ 10%	1K / 1V	1.200	0.8	12.5	1.0	B



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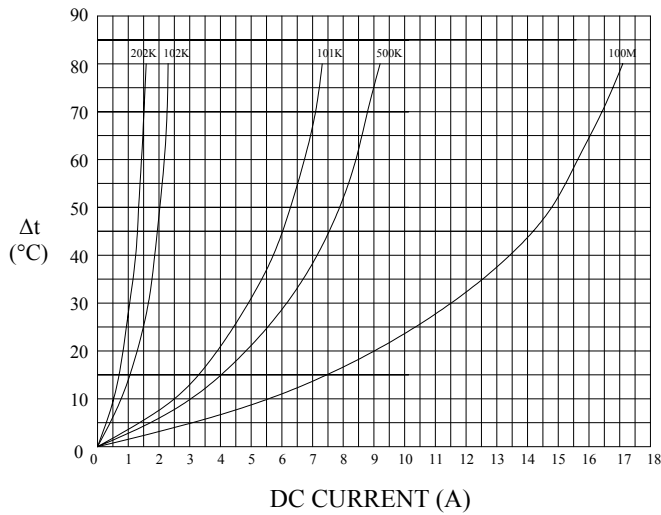
**TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD**

# SPECIFICATION FOR APPROVAL

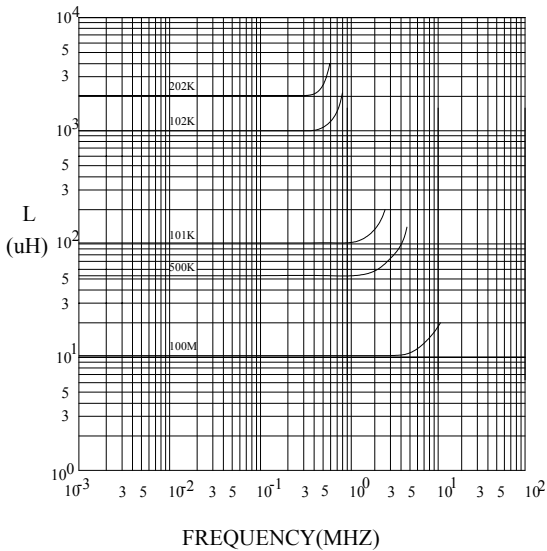
Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	3
Tai-Tech Part No.	S2023 STANDARD SERIES		

## 6. CHARACTERISTICS CURVES :

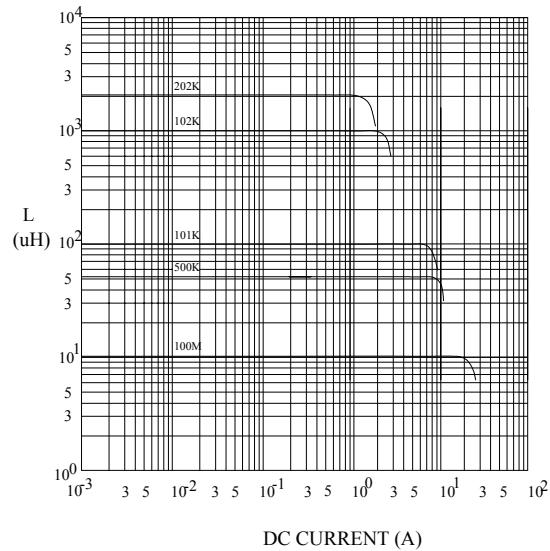
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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