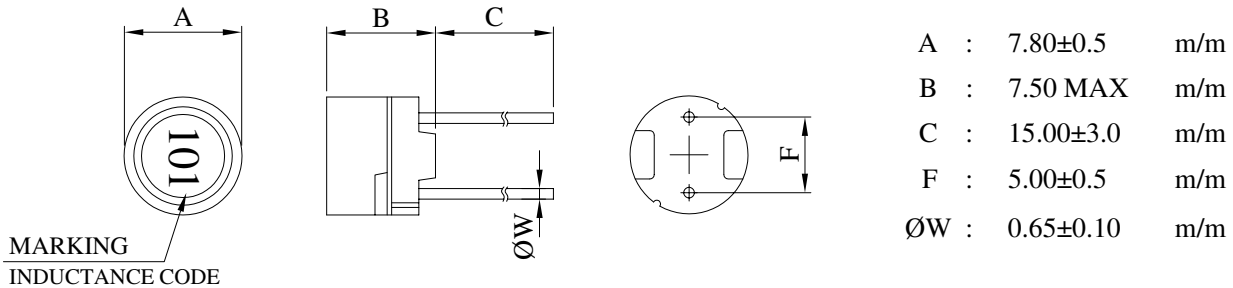


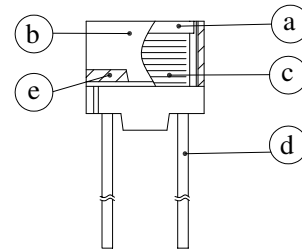
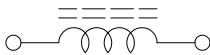
# SPECIFICATION FOR APPROVAL

Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	1
Tai-Tech Part No.	S0807-S SHIELDED SERIES		

## 1. CONFIGURATION & DIMENSIONS :



## 2. SCHEMATIC DIAGRAM :



## 3. MATERIALS :

NO.	DESCRIPTION	SPECIFICATION	REMARK
a.	CORE	DR FERRITE CORE	
b.	CORE	RI FERRITE CORE	
c.	WIRE	ENAMELLED COPPER WIRE	
d.	LEAD	TINNED COPPER WIRE	
e.	ADHESIVE	EPOXY	

## 4. GENERAL SPECIFICATION :

- a. THE INDUCTANCE DROP AT RATED CURRENT IS 10% MAX.
- b. TEMP. RISE : 40°C MAX. AT RATED CURRENT.
- c. STORAGE TEMP. : -40°C ----- +125°C
- d. OPERATING TEMP. : -25°C ----- +85°C



**RoHS Compliant**

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

04.09.2006



TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD

# SPECIFICATION FOR APPROVAL

Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	2
Tai-Tech Part No.	S0807-S SHIELDED SERIES		

## 5. ELECTRICAL CHARACTERISTICS :

PART NO.	INDUCTANCE ( $\mu$ H)	TEST FREQ. (HZ)	RDC (Ohm) MAX	IDC (A) MAX
S0807-220L1R6-SF	22 $\pm$ 15%	2.52M	0.08	1.60
S0807-270L1R4-SF	27 $\pm$ 15%	2.52M	0.10	1.40
S0807-330L1R3-SF	33 $\pm$ 15%	2.52M	0.14	1.30
S0807-390L1R2-SF	39 $\pm$ 15%	2.52M	0.15	1.20
S0807-470L1R1-SF	47 $\pm$ 15%	2.52M	0.17	1.10
S0807-560KR99-SF	56 $\pm$ 10%	2.52M	0.19	0.99
S0807-680KR89-SF	68 $\pm$ 10%	2.52M	0.21	0.89
S0807-820KR81-SF	82 $\pm$ 10%	2.52M	0.27	0.81
S0807-101KR74-SF	100 $\pm$ 10%	1K	0.32	0.74
S0807-121KR67-SF	120 $\pm$ 10%	1K	0.36	0.67
S0807-151KR60-SF	150 $\pm$ 10%	1K	0.51	0.60
S0807-181KR55-SF	180 $\pm$ 10%	1K	0.57	0.55
S0807-221KR50-SF	220 $\pm$ 10%	1K	0.76	0.50
S0807-271KR45-SF	270 $\pm$ 10%	1K	0.86	0.45
S0807-331KR41-SF	330 $\pm$ 10%	1K	0.97	0.41
S0807-391KR37-SF	390 $\pm$ 10%	1K	1.28	0.37
S0807-471KR34-SF	470 $\pm$ 10%	1K	1.44	0.34
S0807-561KR31-SF	560 $\pm$ 10%	1K	1.61	0.31
S0807-681KR28-SF	680 $\pm$ 10%	1K	2.07	0.28
S0807-821KR26-SF	820 $\pm$ 10%	1K	2.33	0.26
S0807-102KR23-SF	1000 $\pm$ 10%	1K	2.72	0.23



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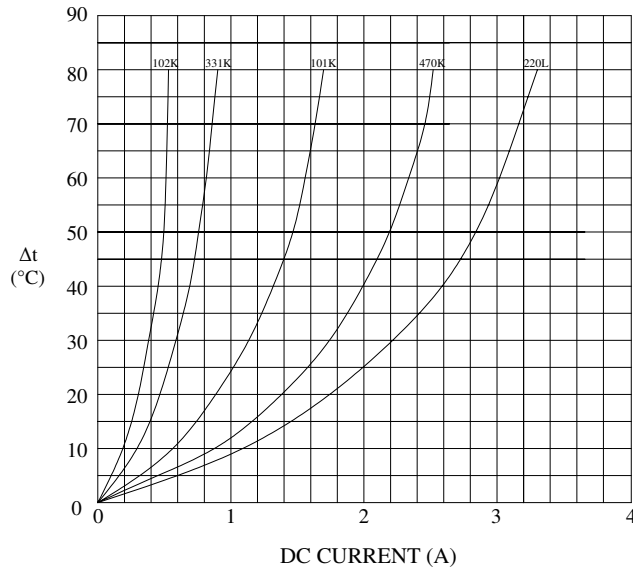
TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD

# SPECIFICATION FOR APPROVAL

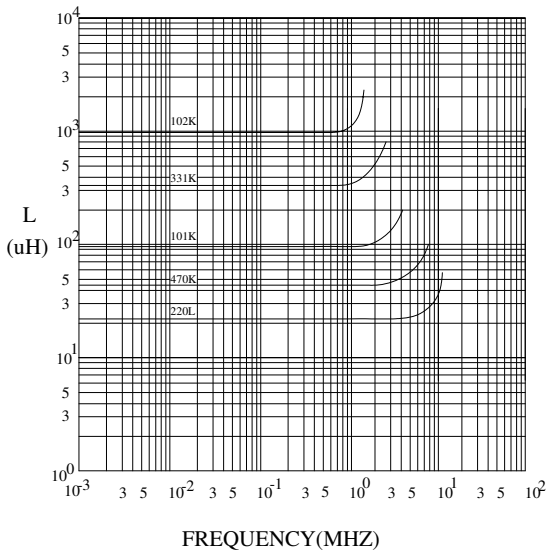
Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	3
Tai-Tech Part No.	S0807-S SHIELDED SERIES		

## 6. CHARACTERISTICS CURVES :

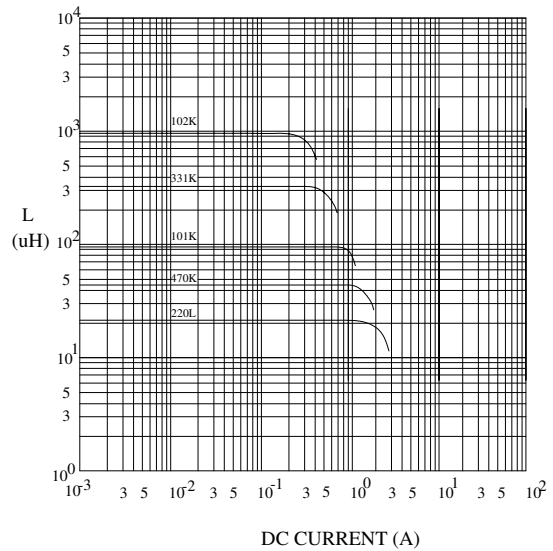
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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