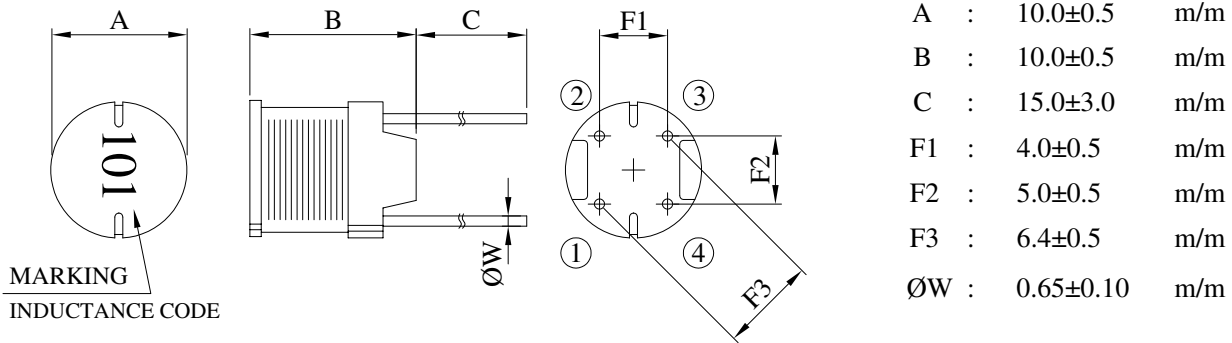


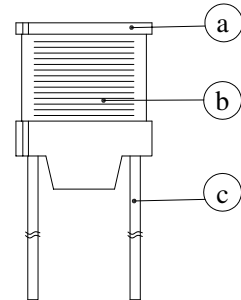
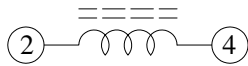
# SPECIFICATION FOR APPROVAL

Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	1
Tai-Tech Part No.	S1010-1 STAND-OFF SERIES		

## 1. CONFIGURATION & DIMENSIONS :



## 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.	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.*

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# SPECIFICATION FOR APPROVAL

Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	2
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## 5. ELECTRICAL CHARACTERISTICS :

PART NO.	INDUCTANCE ( $\mu$ H)	TEST FREQ. (HZ)	RDC ( Ohm ) MAX	IDC ( A ) MAX
S1010-100M5R3-1F	10 $\pm$ 20%	2.52M	0.022	5.30
S1010-120M4R9-1F	12 $\pm$ 20%	2.52M	0.023	4.90
S1010-150M4R4-1F	15 $\pm$ 20%	2.52M	0.026	4.40
S1010-180M4R0-1F	18 $\pm$ 20%	2.52M	0.033	4.00
S1010-220M3R6-1F	22 $\pm$ 20%	2.52M	0.037	3.60
S1010-270M3R3-1F	27 $\pm$ 20%	2.52M	0.048	3.30
S1010-330K2R9-1F	33 $\pm$ 10%	2.52M	0.055	2.90
S1010-390K2R7-1F	39 $\pm$ 10%	2.52M	0.073	2.70
S1010-470K2R5-1F	47 $\pm$ 10%	2.52M	0.083	2.50
S1010-560K2R3-1F	56 $\pm$ 10%	2.52M	0.092	2.30
S1010-680K2R1-1F	68 $\pm$ 10%	2.52M	0.120	2.10
S1010-820K1R9-1F	82 $\pm$ 10%	2.52M	0.140	1.90
S1010-101K1R7-1F	100 $\pm$ 10%	1K	0.160	1.70
S1010-121K1R5-1F	120 $\pm$ 10%	1K	0.200	1.50
S1010-151K1R4-1F	150 $\pm$ 10%	1K	0.230	1.40
S1010-181K1R3-1F	180 $\pm$ 10%	1K	0.310	1.30
S1010-221K1R1-1F	220 $\pm$ 10%	1K	0.340	1.10
S1010-271K1R0-1F	270 $\pm$ 10%	1K	0.400	1.00
S1010-331KR93-1F	330 $\pm$ 10%	1K	0.520	0.93
S1010-391KR86-1F	390 $\pm$ 10%	1K	0.650	0.86
S1010-471KR78-1F	470 $\pm$ 10%	1K	0.710	0.78
S1010-561KR71-1F	560 $\pm$ 10%	1K	1.000	0.71
S1010-681KR65-1F	680 $\pm$ 10%	1K	1.100	0.65
S1010-821KR59-1F	820 $\pm$ 10%	1K	1.300	0.59
S1010-102KR53-1F	1000 $\pm$ 10%	1K	1.700	0.53



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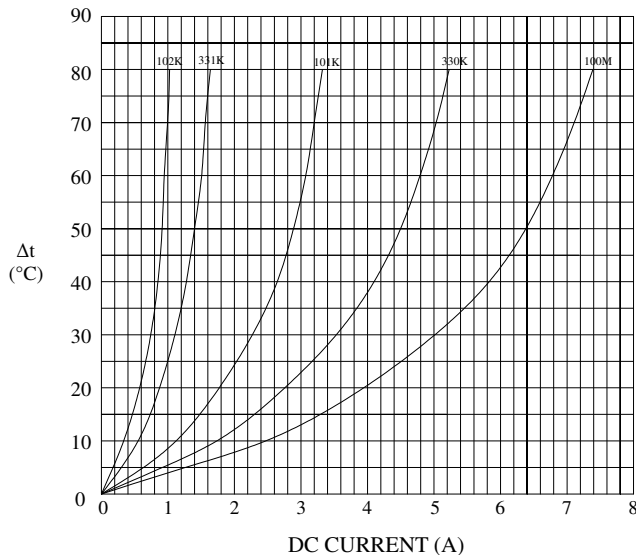
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# SPECIFICATION FOR APPROVAL

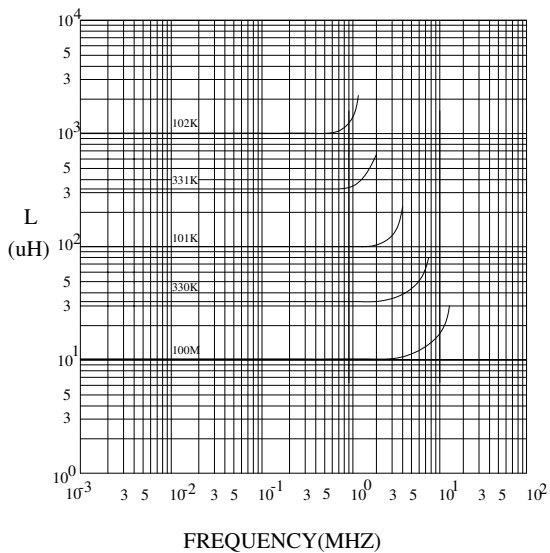
Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	3
Tai-Tech Part No.	S1010-1 STAND-OFF SERIES		

## 6. CHARACTERISTICS CURVES :

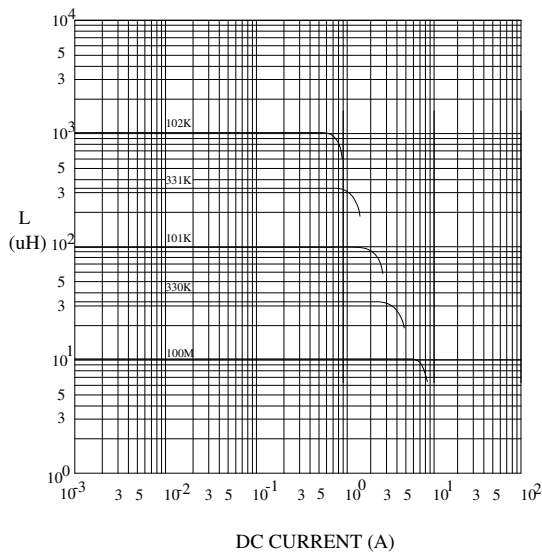
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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