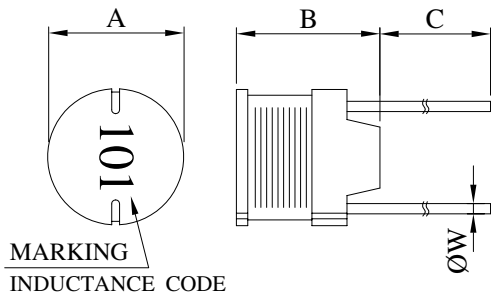


SPECIFICATION FOR APPROVAL

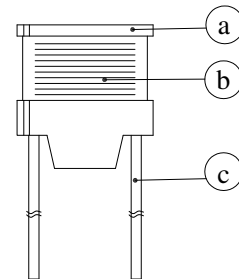
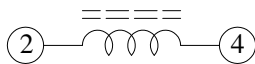
Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	1
Tai-Tech Part No.	S1008-1 STAND-OFF SERIES		

1. CONFIGURATION & DIMENSIONS :



A	: 10.00±0.5	m/m
B	: 8.00±0.5	m/m
C	: 15.00±3.0	m/m
F1	: 4.00±0.5	m/m
F2	: 5.00±0.5	m/m
F3	: 6.40±0.5	m/m
ØW	: 0.65±0.10	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.	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

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5. ELECTRICAL CHARACTERISTICS :

PART NO.	INDUCTANCE (μ H)	TEST FREQ. (HZ)	RDC (Ohm) MAX	IDC (A) MAX
S1008-100M4R5-1F	10 \pm 20%	2.52M	0.027	4.50
S1008-120M4R1-1F	12 \pm 20%	2.52M	0.031	4.10
S1008-150M3R7-1F	15 \pm 20%	2.52M	0.036	3.70
S1008-180M3R4-1F	18 \pm 20%	2.52M	0.049	3.40
S1008-220M3R1-1F	22 \pm 20%	2.52M	0.055	3.10
S1008-270M2R8-1F	27 \pm 20%	2.52M	0.062	2.80
S1008-330K2R5-1F	33 \pm 10%	2.52M	0.079	2.50
S1008-390K2R3-1F	39 \pm 10%	2.52M	0.087	2.30
S1008-470K2R1-1F	47 \pm 10%	2.52M	0.099	2.10
S1008-560K1R9-1F	56 \pm 10%	2.52M	0.130	1.90
S1008-680K1R7-1F	68 \pm 10%	2.52M	0.140	1.70
S1008-820K1R6-1F	82 \pm 10%	2.52M	0.160	1.60
S1008-101K1R4-1F	100 \pm 10%	1K	0.210	1.40
S1008-121K1R3-1F	120 \pm 10%	1K	0.240	1.30
S1008-151K1R2-1F	150 \pm 10%	1K	0.320	1.20
S1008-181K1R1-1F	180 \pm 10%	1K	0.350	1.10
S1008-221KR96-1F	220 \pm 10%	1K	0.450	0.96
S1008-271KR87-1F	270 \pm 10%	1K	0.610	0.87
S1008-331KR79-1F	330 \pm 10%	1K	0.690	0.79
S1008-391KR72-1F	390 \pm 10%	1K	0.780	0.72
S1008-471KR66-1F	470 \pm 10%	1K	1.000	0.66
S1008-561KR60-1F	560 \pm 10%	1K	1.200	0.60
S1008-681KR55-1F	680 \pm 10%	1K	1.400	0.55
S1008-821KR50-1F	820 \pm 10%	1K	1.800	0.50
S1008-102KR45-1F	1000 \pm 10%	1K	2.100	0.45



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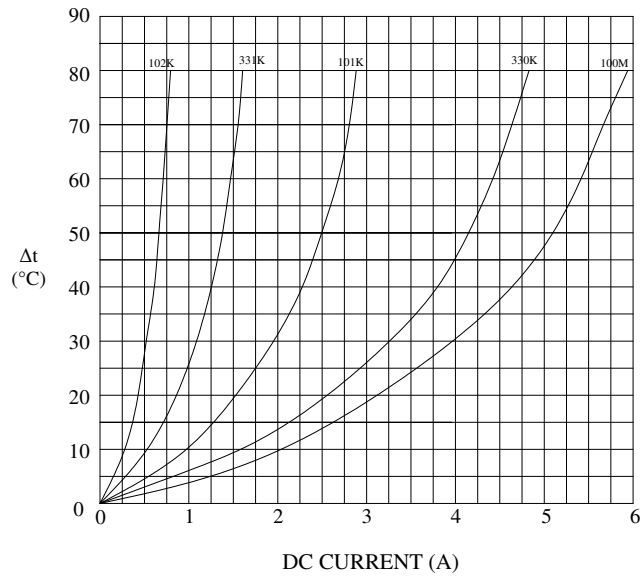
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SPECIFICATION FOR APPROVAL

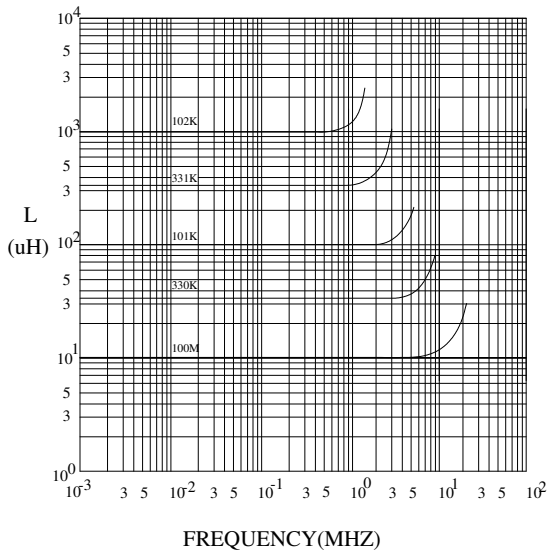
Product Name	RADIAL CHOKE COIL (LEAD FREE)	Page	3
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6. CHARACTERISTICS CURVES :

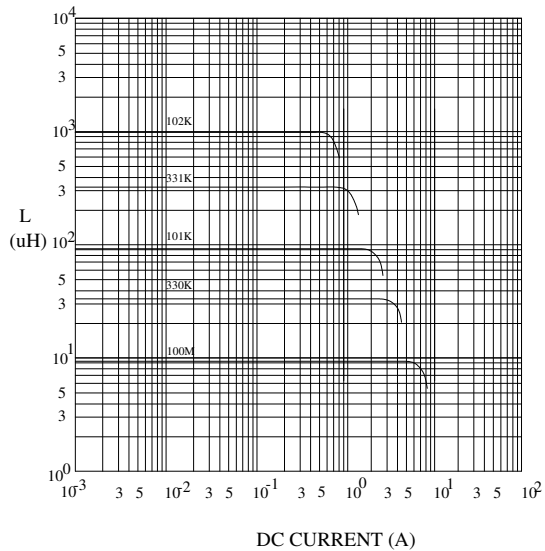
@ TEMP. RISE VS. DC SUPERPOSITION RESPONSE CURVE



@ INDUCTANCE VS. FREQUENCY RESPONSE CURVE



@ INDUCTANCE VS. DC SUPERPOSITION RESPONSE CURVE



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