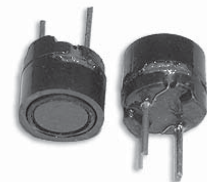


THRU-HOLE RADIAL SHIELDED INDUCTORS

AISR-875



FEATURES:

- Ferrite shielded
- Lowest EMI Emission

OPTIONS:

- Bulk Packaging is standard
- Other tolerance available

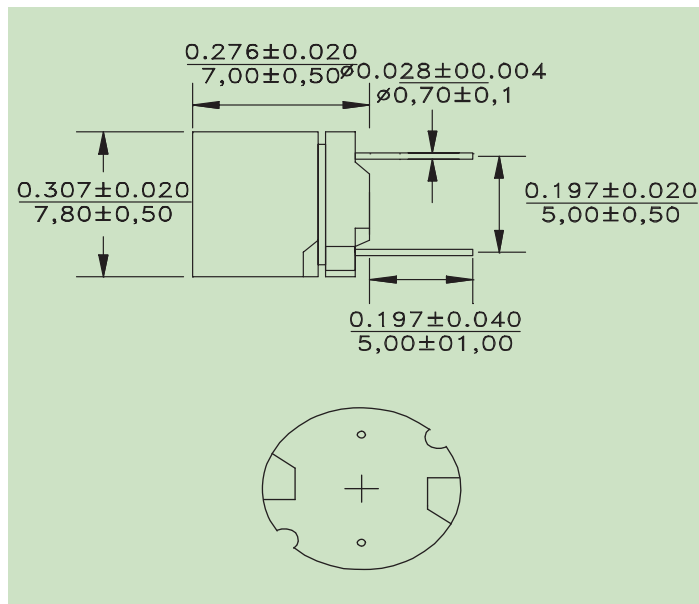
APPLICATIONS:

- Electronic Appliances
- Band Pass Filters

STANDARD SPECIFICATIONS:

PART NO	Lp (μH) K=±10% L=±15% M=±20%	DCR (Ω) Max	I _{DC} (A) Max	I _{RMS} (A) Max
AISR-875-				
100M	10	0.047	3.60	2.95
120M	12	0.055	3.20	2.70
150M	15	0.068	2.96	2.25
180M	18	0.083	2.72	2.10
220M	22	0.097	2.48	2.00
270M	27	0.13	2.08	1.75
330M	33	0.14	2.00	1.70
390M	39	0.17	1.68	1.50
470M	47	0.21	1.60	1.32
560M	56	0.23	1.44	1.11
680M	68	0.28	1.36	1.00
820M	82	0.40	1.28	0.92
101L	100	0.45	1.12	0.84
121L	120	0.50	1.04	0.80
151L	150	0.63	0.96	0.72
181L	180	0.68	0.88	0.70
221L	220	0.91	0.75	0.53
271L	270	1.00	0.70	0.51
331L	330	1.20	0.65	0.44
391L	390	1.30	0.56	0.42
471L	470	1.7	0.53	0.37
561L	560	2.1	0.42	0.33
681L	680	2.3	0.41	0.31
821L	820	3.1	0.38	0.28
102K	1000	3.9	0.35	0.24
122K	1200	4.3	0.33	0.22
152K	1500	5.8	0.27	0.18
182K	1800	7.1	0.26	0.17
222K	2200	7.9	0.24	0.16
272K	2700	11.0	0.20	0.14
332K	3300	12.0	0.18	0.13
392K	3900	16.1	0.17	0.12
472K	4700	18.1	0.16	0.11
562K	5600	25.4	0.14	0.095
682K	6800	28.8	0.13	0.085
822K	8200	41.8	0.12	0.075
103K	10000	46.8	0.11	0.070

PHYSICAL CHARACTERISTICS:



TECHNICAL INFORMATION:

- Lp Test frequency: 1KHz 1.0V_{RMS}
- Lp tolerance: K=±10%, L=±15%, M=±20%, letter suffix indicates standard tolerance
- Operating Temperature: -40°C to +85°C
- Marking: Value
- I_{DC}: Lp decreases 10% typical from initial value
- I_{RMS}: ΔT of 40°C increase from initial value
- RoHS Compliance Product, effective Date Code 0527, label on box

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



REVISED: 11.15.06

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