



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Unshielded Radial Power Inductor

AIUR-04 Series

 RoHS/RoHS II Compliant



11.2 x ϕ 8.5 mm

FEATURES:

- Ferrite core with heat shrink tube
- High Reliability

APPLICATIONS:

- Switching Power Supplies
- Noise Filtering
- DC to DC Converters
- Electronic Household Appliances
- Buzzers and Alarm Systems
- Television and Audio Equipment

STANDARD SPECIFICATIONS:

PARAMETERS

ABRACON P/N:	AIUR-04 Series
Operating temperature:	-25°C to + 85°C
Storage temperature:	-25°C to + 125°C

Part Number	Inductance	Tolerance	Q (Typ)	Test Frequency	DCR (Max)	Saturation Current (Max)	Temperature Rise Current (Max)	SRF (Min)	Inductance Code
Units	μ H	%		kHz	Ω	mA	mA	MHz	
Symbol	L	J			DCR	Isat	I _{DC}		
AIUR-04-101	100	J	30	796	2	200	200	5.3	101J
AIUR-04-121	120	J	30	796	2	200	200	4.5	121J
AIUR-04-151	150	J	30	796	2	200	200	3.8	151J
AIUR-04-181	180	J	30	796	3	200	200	3.3	181J
AIUR-04-221	220	J	30	796	3	200	200	2.9	221J
AIUR-04-271	270	J	30	796	3	200	200	2.6	271J
AIUR-04-331	330	J	30	796	4	200	200	2.3	331J
AIUR-04-391	390	J	30	796	4	200	200	2.1	391J
AIUR-04-471	470	J	30	796	4	200	200	1.9	471J
AIUR-04-561	560	J	30	796	4	200	200	1.7	561J
AIUR-04-681	680	J	30	796	4	200	200	1.6	681J
AIUR-04-821	820	J	30	796	6	200	200	1.4	821J
AIUR-04-102	1000	J	40	252	6	150	150	1.3	102J
AIUR-04-122	1200	J	40	252	9	150	150	1.2	122J
AIUR-04-152	1500	J	40	252	9	150	150	1.1	152J
AIUR-04-182	1800	J	40	252	9	100	100	1.0	182J
AIUR-04-222	2200	J	40	252	13	100	100	0.9	222J
AIUR-04-272	2700	J	40	252	13	100	100	0.8	272J
AIUR-04-332	3300	J	40	252	13	100	100	0.7	332J
AIUR-04-392	3900	J	40	252	13	50	50	0.7	392J
AIUR-04-472	4700	J	40	252	18	50	50	0.6	472J
AIUR-04-562	5600	J	40	252	18	50	50	0.6	562J
AIUR-04-682	6800	J	40	252	26	50	50	0.5	682J
AIUR-04-822	8200	J	40	252	26	50	50	0.5	822J
AIUR-04-103	10000	J	40	79.6	40	40	40	0.4	103J
AIUR-04-123	12000	J	40	79.6	40	40	40	0.4	123J
AIUR-04-153	15000	J	40	79.6	60	40	40	0.4	153J
AIUR-04-183	18000	J	40	79.6	60	30	30	0.3	183J
AIUR-04-223	22000	J	40	79.6	80	30	30	0.3	223J
AIUR-04-273	27000	J	40	79.6	80	30	30	0.3	273J

Test Conditions and equipments

DCR: QuadTech Milliohmmeter

Isat: 10% inductance drops from initial value

I_{DC}: The DC current at which the temperature rise is 40°C max

ABRACON IS
ISO 9001:2008
CERTIFIED



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30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

Unshielded Radial Power Inductor

AIUR-04 Series

 RoHS/RoHS II Compliant



11.2 x ϕ 8.5 mm

OPTIONS & PART IDENTIFICATION:

(Left blank if standard)

Packing (200pcs / box)

AIUR-04-

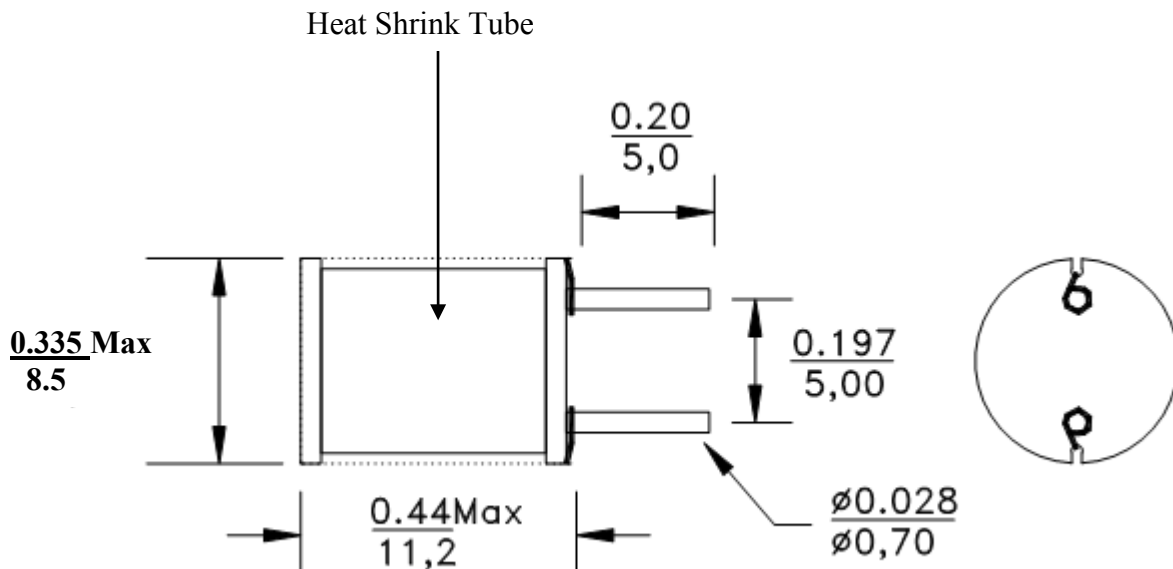
Inductance Code

Please refer to the Electrical Spec Table

Tolerance

J: \pm 5%

OUTLINE DRAWING:



Dimension: inch/mm

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

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