

Mini Drum Core Inductor

AIUR-04 Series



RoHS
Compliant



11.2 x ϕ 8.5 mm

FEATURES:

- Ferrite core with heat shrink tube
- High Reliability

APPLICATIONS:

- Electronic Appliance
- Automotive system

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 (Min)	Test Frequency	DCR (Max)	Saturation Current (Max)	SRF (Min)
Units	μ H	%		kHz	Ω	mA	MHz
Symbol	L	J			DCR	Isat*	
AIUR-04-101	100	J	80	796	2	200	5.3
AIUR-04-121	120	J	80	796	2	200	4.5
AIUR-04-151	150	J	80	796	2	200	3.8
AIUR-04-181	180	J	80	796	3	200	3.3
AIUR-04-221	220	J	80	796	3	200	2.9
AIUR-04-271	270	J	80	796	3	200	2.6
AIUR-04-331	330	J	80	796	4	200	2.3
AIUR-04-391	390	J	80	796	4	200	2.1
AIUR-04-471	470	J	80	796	4	200	1.9
AIUR-04-561	560	J	80	796	4	200	1.7
AIUR-04-681	680	J	80	796	4	200	1.6
AIUR-04-821	820	J	80	796	6	200	1.4
AIUR-04-102	1000	J	90	252	6	150	1.3
AIUR-04-122	1200	J	90	252	9	150	1.2
AIUR-04-152	1500	J	90	252	9	150	1.1
AIUR-04-182	1800	J	90	252	9	100	1.0
AIUR-04-222	2200	J	90	252	13	100	0.9
AIUR-04-272	2700	J	90	252	13	100	0.8
AIUR-04-332	3300	J	90	252	13	100	0.7
AIUR-04-392	3900	J	90	252	13	50	0.7
AIUR-04-472	4700	J	90	252	18	50	0.6
AIUR-04-562	5600	J	90	252	18	50	0.6
AIUR-04-682	6800	J	90	252	26	50	0.5
AIUR-04-822	8200	J	90	252	26	50	0.5
AIUR-04-103	10000	J	100	79.6	40	40	0.4
AIUR-04-123	12000	J	100	79.6	40	40	0.4
AIUR-04-153	15000	J	100	79.6	60	40	0.4
AIUR-04-183	18000	J	100	79.6	60	30	0.3
AIUR-04-223	22000	J	100	79.6	80	30	0.3
AIUR-04-273	27000	J	100	79.6	80	30	0.3

Test Conditions and equipments

DCR: QuadTech Milliohmeter

Isat: 10% inductance drops from initial value

ABRACON IS
ISO 9001:2008
CERTIFIED



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Revised: 10.13.11

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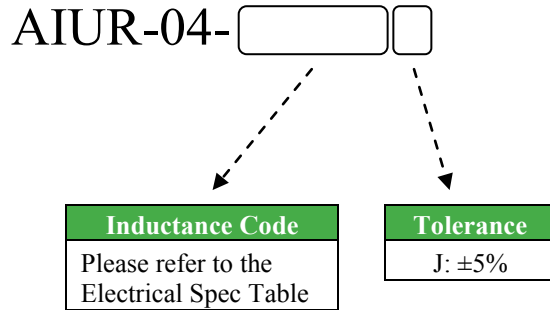
AIUR-04 Series



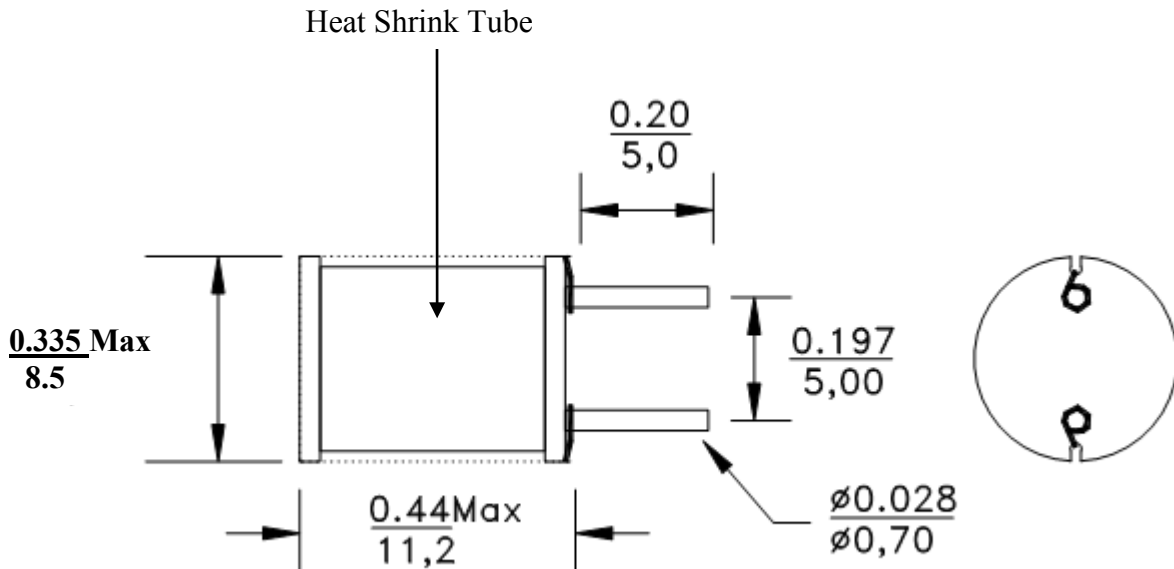
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OPTIONS & PART IDENTIFICATION: (Left blank if standard)



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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