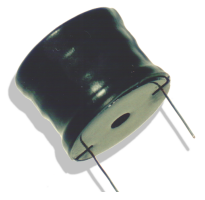


# THRU-HOLE POWER INDUCTORS



## AIUR-10 SERIES

### FEATURES:

- Ferrite core with heat shrink tube
- High Reliability

### OPTIONS:

- Bulk Pack is standard

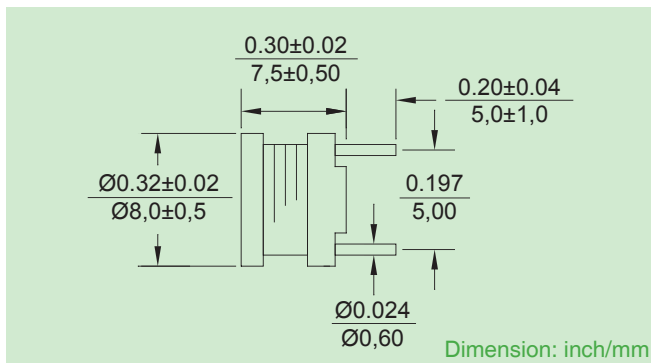
### APPLICATIONS:

- Electronic Appliance
- Noise Filtering

### STANDARD SPECIFICATIONS

Part Number	Inductance ( $\mu\text{H} \pm 10\%$ )	DCR ( $\Omega$ max.)	$I_{\text{DC}}$ (A Max)
AIUR-10-5R6K	5.6	0.08	2.45
AIUR-10-100K	10	0.08	2.45
AIUR-10-120K	12	0.09	2.30
AIUR-10-150K	15	0.10	2.00
AIUR-10-180K	18	0.12	1.80
AIUR-10-220K	22	0.13	1.67
AIUR-10-270K	27	0.14	1.59
AIUR-10-330K	33	0.15	1.27
AIUR-10-390K	39	0.16	1.19
AIUR-10-470K	47	0.23	1.16
AIUR-10-560K	56	0.26	1.08
AIUR-10-680K	68	0.27	1.02
AIUR-10-820K	82	0.31	0.86
AIUR-10-101K	100	0.44	0.77
AIUR-10-121K	120	0.50	0.73
AIUR-10-151K	150	0.58	0.59
AIUR-10-181K	180	0.65	0.55
AIUR-10-221K	220	0.85	0.45
AIUR-10-271K	270	0.99	0.41
AIUR-10-331K	330	1.12	0.35
AIUR-10-391K	390	1.26	0.32
AIUR-10-471K	470	1.68	0.28
AIUR-10-561K	560	1.88	0.24
AIUR-10-681K	680	2.18	0.23
AIUR-10-821K	820	2.71	0.21
AIUR-10-102K	1000	3.01	0.20
AIUR-10-122K	1200	3.41	0.18
AIUR-10-152K	1500	4.00	0.17
AIUR-10-182K	1800	6.12	0.16
AIUR-10-222K	2200	6.98	0.16
AIUR-10-272K	2700	7.97	0.16
AIUR-10-332K	3300	11.8	0.15
AIUR-10-392K	3900	13.0	0.14
AIUR-10-103K	10000	25.0	0.10

### PHYSICAL CHARACTERISTICS:



### TECHNICAL INFORMATION:

- Test frequency:  $10\mu\text{H}-82\mu\text{H} = 2.52$  MHz  
 $100\mu\text{H}-3900\mu\text{H} = 1$  KHz
- Tolerance:  $K=\pm 10\%$
- Letter suffix indicates standard tolerance
- Temperature:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$  with no load  
 $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  with full rated current
- Marking: Value and tolerance
- L drops 10% typical @ IDC from initial value
- Check SCD for detail E&M specification

# Mouser Electronics

Authorized Distributor

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## ABRACON:

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