

# THRU-HOLE POWER INDUCTORS



## AIUR-09 SERIES

### FEATURES:

- Ferrite core with heat shrink tube
- High Reliability

### OPTIONS:

- Bulk Pack is standard

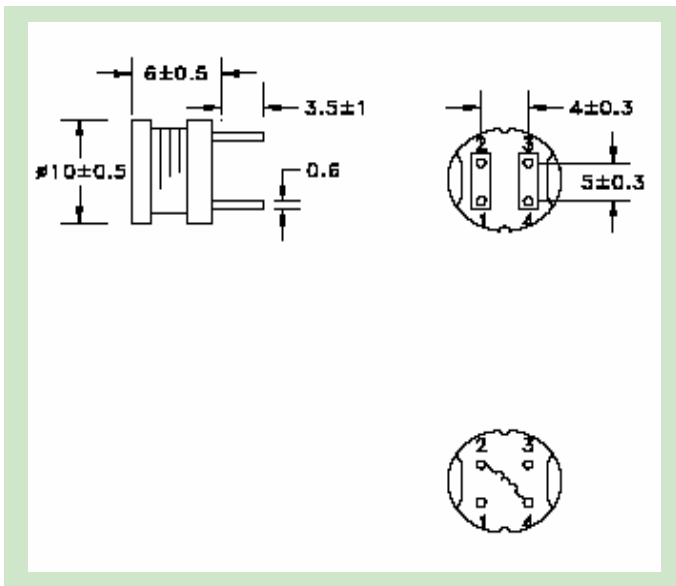
### APPLICATIONS:

- Electronic Appliance
- Noise Filtering

### STANDARD SPECIFICATIONS:

Part Number AIUR-09	L (μH)	R <sub>DC</sub> (Ω) Max	I <sub>DC</sub> (A) Max	Part Number AIUR-09	L (μH)	R <sub>DC</sub> (Ω) Max	I <sub>DC</sub> (A) Max	Part Number AIUR-09	L (μH)	R <sub>DC</sub> (Ω) Max	I <sub>DC</sub> (A) Max
100K	10	0.044	3.6	560K	56	0.21	1.5	271K	270	0.90	0.72
120K	12	0.054	3.3	680K	68	0.25	1.4	331K	330	1.20	0.62
150K	15	0.062	2.9	820K	82	0.32	1.3	391K	390	1.30	0.59
180K	18	0.088	2.7	101K	100	0.36	1.3	471K	470	1.50	0.57
220K	22	0.092	2.4	121K	120	0.42	1.1	561K	560	1.90	0.49
270K	27	0.110	2.2	151K	150	0.51	1.0	681K	680	2.40	0.45
330K	33	0.140	2.0	181K	180	0.62	0.84	821K	820	2.80	0.43
390K	39	0.160	1.8	221K	220	0.70	0.81	102K	1000	3.30	0.36
470K	47	0.180	1.7								

### PHYSICAL CHARACTERISTICS:



### TECHNICAL INFORMATION:

- Test frequency: 10μH-82μH = 2.52 MHz; 100μH-1000μH = 1 KHz
- Tolerance: K=±10%, M=±20%
- Letter suffix indicates standard tolerance
- Temperature: -55°C to +125°C with no load  
-55°C to +85°C with full rated current
- Marking: EIA color code or value
- L drops 10% typical @ IDC from initial value
- Check SCD for detail E&M specification