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

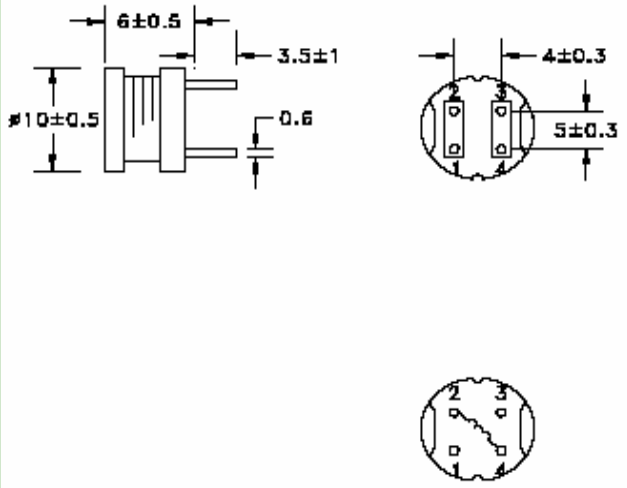
STANDARD SPECIFICATIONS:

Part Number AIUR-09	L (µH)	R_{DC} (Ω) Max	I_{DC} (A) Max
100K	10	0.044	3.6
120K	12	0.054	3.3
150K	15	0.062	2.9
180K	18	0.088	2.7
220K	22	0.092	2.4
270K	27	0.110	2.2
330K	33	0.140	2.0
390K	39	0.160	1.8
470K	47	0.180	1.7

Part Number AIUR-09	L (µH)	R_{DC} (Ω) Max	I_{DC} (A) Max
560K	56	0.21	1.5
680K	68	0.25	1.4
820K	82	0.32	1.3
101K	100	0.36	1.3
121K	120	0.42	1.1
151K	150	0.51	1.0
181K	180	0.62	0.84
221K	220	0.70	0.81

Part Number AIUR-09	L (µH)	R_{DC} (Ω) Max	I_{DC} (A) Max
271K	270	0.90	0.72
331K	330	1.20	0.62
391K	390	1.30	0.59
471K	470	1.50	0.57
561K	560	1.90	0.49
681K	680	2.40	0.45
821K	820	2.80	0.43
102K	1000	3.30	0.36

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

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