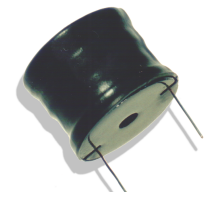


THRU-HOLE POWER INDUCTORS



AIUR-10 SERIES

FEATURES:

- Ferrite core with heat shrink tube
- High Reliability

OPTIONS:

- Bulk Pack is standard

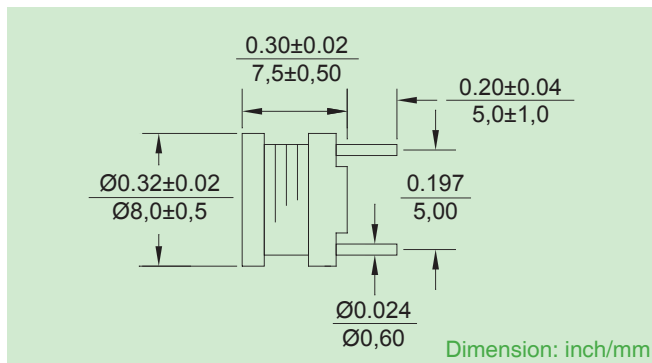
APPLICATIONS:

- Electronic Appliance
- Noise Filtering

STANDARD SPECIFICATIONS

| Part Number | Inductance ($\mu\text{H} \pm 10\%$) | DCR (Ω max.) | I_{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: $10\mu\text{H}-82\mu\text{H} = 2.52 \text{ MHz}$
 $100\mu\text{H}-3900\mu\text{H} = 1 \text{ KHz}$
- Tolerance: $K=\pm 10\%$
- Letter suffix indicates standard tolerance
- Temperature: -40°C to $+125^\circ\text{C}$ with no load
 -40°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