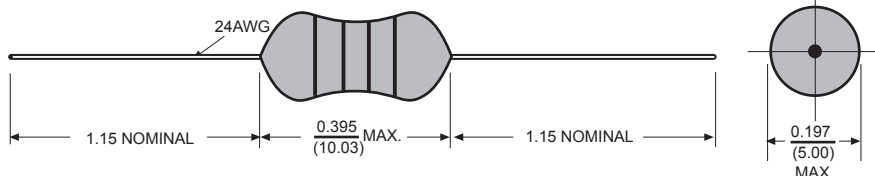


# AC40 Axial Coated Inductors



Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



## Features

- Incorporation of a special lead wire structure entirely eliminates defects inherent in existing axial lead type products and prevents lead breakage.
- The special magnetic core structure permits the product to have reduced size, high "Q" and self resonant frequencies.
- Treated with epoxy resin coating for humidity resistance to ensure longer life.

## Electrical

**Inductance Range:** 1200 $\mu$ h to 82,000 $\mu$ h.

**Tolerance:** 10% over entire range. Tighter tolerances available.

**Temp. Rise:** 20°C.

**Ambient Temp.:** 80°C.

**Rated Temp Range:** -20 to + 100°C.

**Dielectric Withstanding Voltage:** 250 Volts R.M.S.

**Rated Current:** Based on temp rise.

## Mechanical

**Terminal Tensile Strength:** 1.0 kg min.

**Terminal Bending Strength:** .3 kg min.

## Physical

**Marking (on reel):** Manufacturers name, Part number, Quantity,

**Marking:** 4 band color code.

**Packaging:** 5000 pieces per reel.

Allied Part Number	Inductance ( $\mu$ h)	Tolerance (%)	Q Min.	Test Freq. (KHz)	DCR Max. ( $\Omega$ )	Rated Current (mA)
AC40-122K-RC	1200	10	90	252	9.0	75
AC40-152K-RC	1500	10	90	252	10.0	69
AC40-182K-RC	1800	10	90	252	11.0	60
AC40-222K-RC	2200	10	90	252	14.0	58
AC40-272K-RC	2700	10	90	252	18.0	52
AC40-332K-RC	3300	10	90	252	22.0	48
AC40-392K-RC	3900	10	90	252	28.0	45
AC40-472K-RC	4700	10	90	252	30.0	40
AC40-562K-RC	5600	10	70	252	34.0	37
AC40-682K-RC	6800	10	70	252	45.0	34
AC40-822K-RC	8200	10	50	252	60.0	31
AC40-103K-RC	10000	10	50	79.6	70.0	28
AC40-123K-RC	12000	10	50	79.6	82.0	24
AC40-153K-RC	15000	10	50	79.6	89.0	22
AC40-183K-RC	18000	10	40	79.6	140.0	14
AC40-223K-RC	22000	10	40	79.6	170.0	12
AC40-253K-RC	25000	10	40	79.6	185.0	11
AC40-273K-RC	27000	10	40	79.6	210.0	9.5
AC40-303K-RC	30000	10	40	79.6	240.0	8.3
AC40-333K-RC	33000	10	40	79.6	250.0	8.0
AC40-393K-RC	39000	10	30	79.6	340.0	6.0
AC40-473K-RC	47000	10	30	79.6	390.0	5.0
AC40-563K-RC	56000	10	30	79.6	440.0	4.5
AC40-683K-RC	68000	10	30	79.6	500.0	4.0
AC40-823K-RC	82000	10	30	79.6	550.0	3.5

All specifications subject to change without notice.