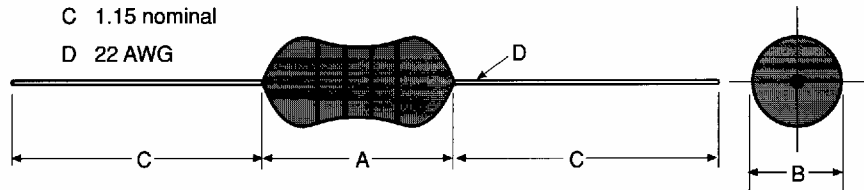
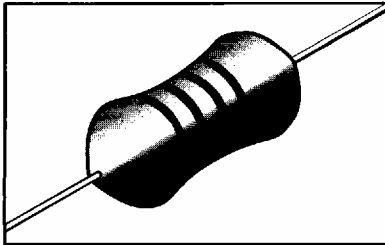


Axial Coated Inductors AC40

Dimensions (In.)

AC40

- A .395 max.
- B .197 max.
- C 1.15 nominal
- D 22 AWG



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

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.
- The AC40 is epoxy resin coated against humidity to ensure longer life and heat resistance.

Electrical

Inductance Range: 1200μh to 82,000μh.

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.