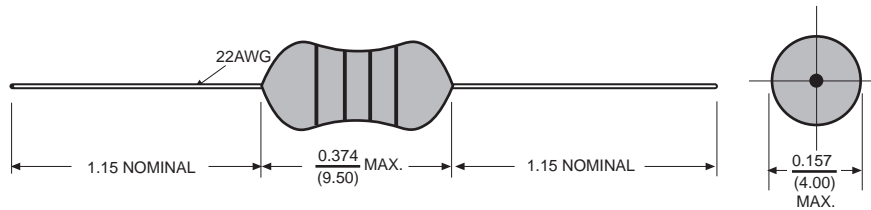




Axial Coated Inductor

AC45

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: 100uH to 470uH
Tolerance: 10% over entire range. Tighter tolerances available, replace K with J for 5%
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: 3000 pieces per reel.
 3000 pieces per Ammo Pack.

For Tape and Reel packaging please add "-TR" to the part number.

Allied Part Number	Inductance (uh)	Tolerance (%)	Q Min.	SRF (MHz)	DCR Max. (Ω)	Rated Current (mA)
AC45-100K-RC	10 @ 1MHz, 1v	10	65 @ 7.9MHz	35	.490	680
AC45-101K-RC	100 @ .02MHz, 1v	10	30 @ 2.5MHz	5.0	1.70	370
AC45-471K-RC	470 @ .02MHz, 1v	10	70 @ .79MHz	2.2	7.90	170

All specifications subject to change without notice.