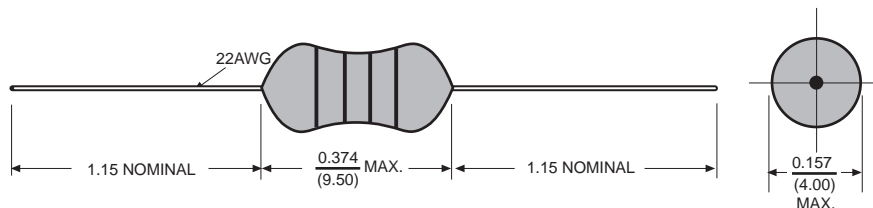




Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



### 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. ( $\Omega$ )	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.