



Dimensions: Inches  
(mm)

#### Features

- Axial Leaded Molded Inductors
- Available on Tape and Reel or Ammo Pack for Auto placement

#### Electrical

**Inductance Range:** 270  $\mu$ H to 1000  $\mu$ H.

**Tolerance:** 10% over entire range

Also available in tighter tolerances.

**Test Frequency for (L):** .79Mhz

**Operating Temp.:** -55°C to + 105°C.

**Current Rating:** Based on a 10% drop in (L) from initial value.

Part Temperature should not exceed 125°C measurements @ 20°C.

#### Test Equipment

**(L) & (Q):** HP4342A & HP4285A

**DCR:** CH301 Current Source and DCR Meter

#### Physical

**Packaging:** 2500pcs per 13" Tape and Reel  
500 per bag

**Marking:** EIA Inductance Code

Allied Part Number	Inductance ( $\mu$ H)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. ( $\Omega$ )	Rated Current (mA)
AM40-271K-RC	270	10	65	0.79	5.6	8.2	126
AM40-301K-RC	300	10	65	0.79	5.3	8.7	122
AM40-331K-RC	330	10	65	0.79	5.0	9.1	120
AM40-361K-RC	360	10	65	0.79	4.7	9.6	115
AM40-391K-RC	390	10	65	0.79	4.5	10.0	114
AM40-431K-RC	430	10	65	0.79	4.3	10.6	111
AM40-471K-RC	470	10	65	0.79	4.0	11.0	108
AM40-501K-RC	500	10	65	0.79	3.7	11.3	106
AM40-551K-RC	510	10	65	0.79	3.8	11.6	105
AM40-561K-RC	560	10	65	0.79	3.6	12.3	104
AM40-621K-RC	620	10	60	0.79	3.5	13.0	101
AM40-681K-RC	680	10	60	0.79	3.4	13.7	97
AM40-751K-RC	750	10	60	0.79	3.3	14.4	95
AM40-821K-RC	820	10	60	0.79	3.1	15.1	92
AM40-911K-RC	910	10	60	0.79	2.9	15.8	91
AM40-102K-RC	1000	10	60	0.79	2.8	16.5	88

All specifications subject to change without notice.