

## DR370-1 Series Radial Leaded Inductors

### Features

- High Current Rating
- Height: 9.5mm Max
- Inductance Range: 0.31 $\mu$ H – 2.2 $\mu$ H
- Non-RoHS Versions are Available (Note 5)

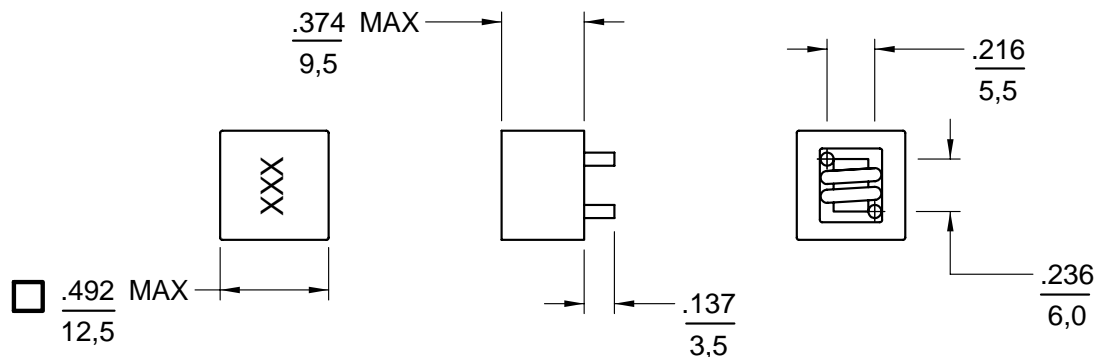


### ELECTRICAL SPECIFICATIONS AT 25°C

### OPERATING TEMPERATURE -55°C to +125°C

Part Number	Inductance ( $\mu$ H) 1V @ 100kHz, 0Adc	DCR (m $\Omega$ ) Max.	Heating Current Idc (Note 3)	Saturating Current Idc (Note 4)
DR370-1-311	0.31	0.8	30	41
DR370-1-361	0.36	0.8	36	48
DR370-1-601	0.6	1.1	26	39
DR370-1-102	1.0	1.5	27	28
DR370-1-182	1.8	3.55	14.5	23
DR370-1-221	2.2	4.0	20	20

### MECHANICAL SPECIFICATIONS



Part Number	Pin Diameter
DR370-1-311	0.059/1.5
DR370-1-361	0.059/1.5
DR370-1-601	0.059/1.5
DR370-1-102	0.051/1.3
DR370-1-182	0.039/1.0
DR370-1-221	0.035/0.9

Unless otherwise specified,  
TOLERANCE: .XXX = 0.020 inches  
.X = 0.5 mm

### NOTES:

1. Dimensions are shown in inches/millimeters
2. Inductance tolerance:  $\pm$  20%
3. DC current that will cause a rise of 40°C from ambient
4. DC current causing a 30% drop in inductance
5. For non-RoHS parts replace DR prefix with 42- (e.g. DR370-1 becomes 42-370-1)
6. Terminal finish is compliant to RoHS requirements