

HALOGEN FREE



# **Wirewound, Surface Mount Inductors**







*										
ST	STANDARD ELECTRICAL SPECIFICATIONS									
IND. (nH)	TOL.	TEST FREQ. (MHz) L & Q	Q MIN.	SRF MIN. (MHz)	DCR MAX. (Ω)	RATED DO CURRENT (mA) (1)				
1.9 2.0 2.2 2.7 3.6 3.9 4.7 5.6 6.2 8.7 9.5 11 12 13 15 16 18 19 22 23 44 27 33 36 39 40 40 40 40 40 40 40 40 40 40 40 40 40	0.3 nH, 0.2 nH 0.3 nH, 0.2 nH 10 %, 5 % 10 %, 2 %	250 250 250 250 250 250 250 250 250 250	13 16 16 16 16 16 20 20 18 23 23 22 25 18 25 26 26 24 26 25 26 26 26 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	6000 6000 6000 6000 6000 6000 6000 600	0.045 0.070 0.070 0.070 0.070 0.068 0.120 0.066 0.066 0.091 0.130 0.083 0.083 0.083 0.104 0.200 0.104 0.200 0.104 0.200 0.1120 0.200 0.2120 0.2120 0.2120 0.2120 0.214 0.202 0.203 0.202 0.205 0.300 0.300 0.300 0.350 0.403 0.830 0.403 0.550 0.403 0.830 0.830 0.830 0.214 0.298 0.300 0.300 0.300 0.300 0.350 0.403 0.830 0.830 0.830 0.202 0.214 0.298 0.300 0.300 0.300 0.300 0.300 0.350 0.403 0.830 0.830 0.830 0.350 0	1360 1040 1040 960 790 640 840 840 840 760 760 760 680 680 680 680 680 480 640 560 560 560 420 420 400 400 400 400 400 400 100 100 100				

### **FEATURES**

- Excellent solderability and resistance to soldering heat
- Suitable for reflow soldering
- High reliability and easy surface mount assembly
- Wide range of inductance values available
- Tape and reel packaging for automatic handling, 10 000/reel EIA 481
- Compliant to RoHS Directive 2002/95/EC
- Halogen-free according to IEC 61249-2-21 definition

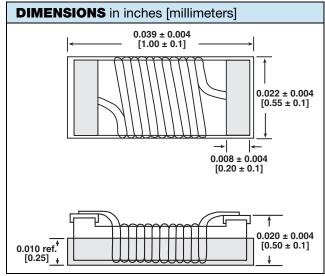
### **ELECTRICAL SPECIFICATIONS**

Inductance Range: 1 nH to 47 nH

Operating Temperature: - 40  $^{\circ}$ C to + 125  $^{\circ}$ C Storage Temperature: - 40  $^{\circ}$ C to + 125  $^{\circ}$ C

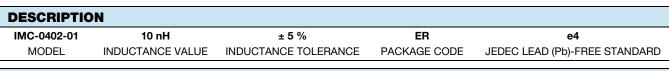
## **TEST EQUIPMENT**

- Inductance is measured in HP4287A RF LCR meter with HP16193 fixture
- Q is measured in HP4287A RF LCR meter with HP16193 fixture
- SRF is measured in HP8753E RF network analyzer
- DCR is measured in HP4338B millohmeter



#### Note

 $^{(1)}$  Value obtained when current flows and temperature has risen 15  $^{\circ}\text{C}$ 

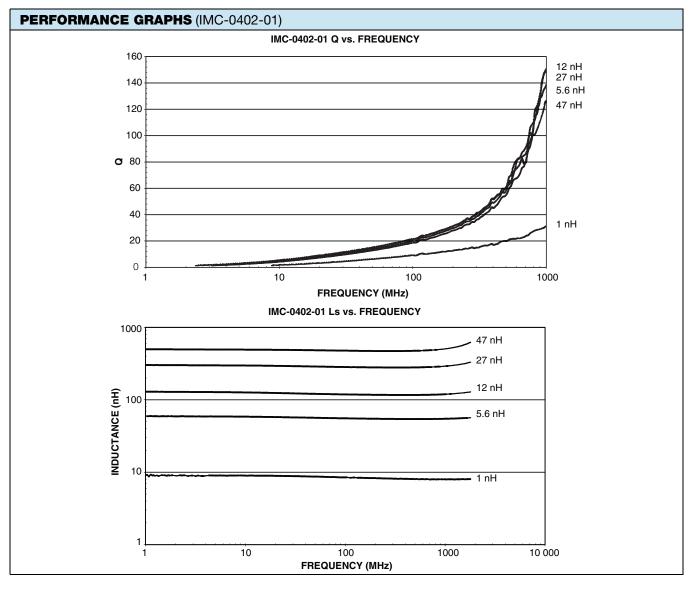


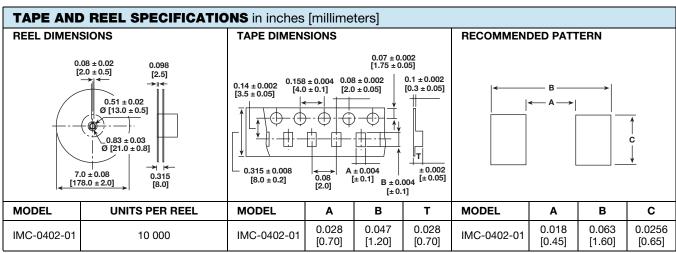
GLOBAL PART NUMBER											
PRODUCT FAMILY	0 4 0 2 SIZE	PACKAGE CODE	1 0 N INDUCTANCE VALUE	J TOL.	0 1 SERIES						

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## Wirewound, Surface Mount Inductors







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