



# **Wirewound, Surface Mount Inductors**







67	ANDADD T	CRECIFICATIONS				
STANDARD ELECTRICAL				SPECIFICATIONS		
IND. (nH)	TOL.	TEST FREQ. (MHz)	Q MIN.	SRF MIN. (MHz)	DCR MAX. (Ω)	RATED DC CURRENT (mA) (1)
1.0 1.9 2.2 2.4 7.3 3.6 9.5 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	0.3 nH, 0.2 nH nH 0.3 nH, 0.2 nH, 0.2 nH nH 0.3 nH, 0.2 nH	250 250 250 250 250 250 250 250 250 250	13 16 18 16 16 16 20 20 18 15 23 23 20 25 18 25 26 26 26 26 26 26 26 26 26 26 26 26 26	6000 6000 6000 6000 6000 6000 6000 600	0.045 0.070 0.070 0.068 0.120 0.066 0.066 0.066 0.091 0.130 0.083 0.083 0.083 0.104 0.104 0.200 0.195 0.120 0.120 0.172 0.220 0.210 0.172 0.220 0.230 0.201 0.172 0.220 0.300 0.214 0.298 0.300 0.350 0.403 0.550 0.403	1360 1040 1040 960 790 640 840 840 840 760 760 680 680 680 680 680 680 480 640 560 560 420 400 400 400 400 400 400 400 100 100 10

#### **FEATURES**

 Excellent solderability and resistance to soldering heat



· Suitable for reflow soldering

High reliability and easy surface mount assembly

ROHS COMPLIANT HALOGEN FREE

• Wide range of inductance values available

- Tape and reel packaging for automatic handling, 10 000/reel EIA 481
- Material categorization: For definitions of compliance please see <a href="https://www.vishay.com/doc?99912"><u>www.vishay.com/doc?99912</u></a>

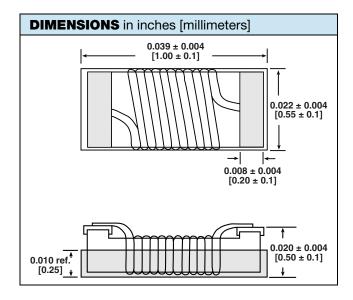
#### **ELECTRICAL SPECIFICATIONS**

Inductance Range: 1 nH to 47 nH

Operating Temperature: - 40 °C to + 125 °C Storage Temperature: - 40 °C to + 125 °C

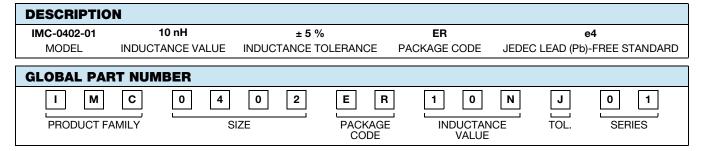
#### **TEST EQUIPMENT**

- 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

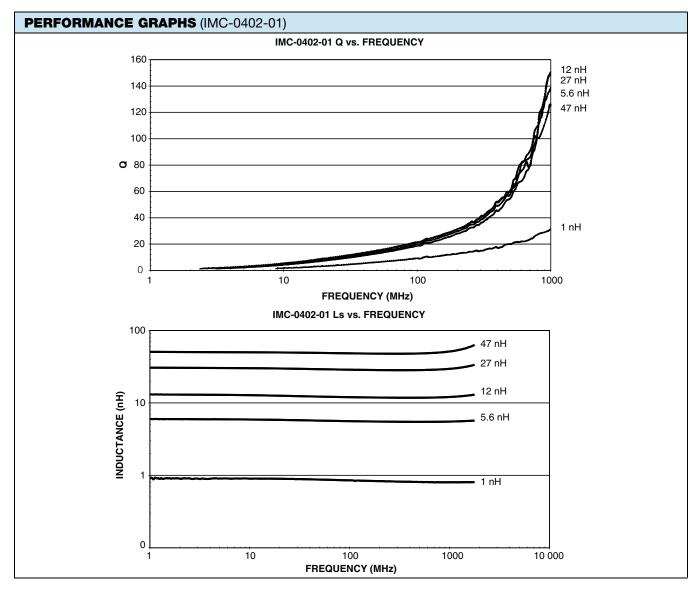


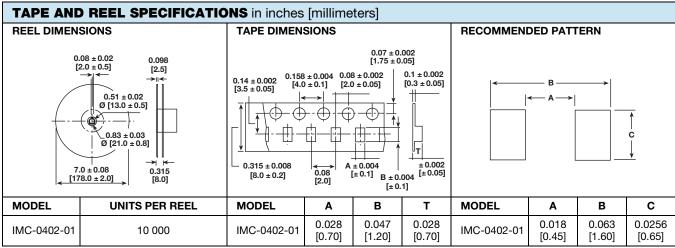
Note

(1) Value obtained when current flows and temperature has risen 15 °C











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