



## **High Frequency, Surface Mount Inductors**



STANDARD ELECTRICAL SPECIFICATIONS							
IND. (nH)	TOL.	TEST FREQ. (MHz)		Q MIN.	SRF MIN. (MHz)	DCR MAX. (Ω)	RATED DC CURRENT (mA)
3.3 6.8 8.2 10 12 15 18 222 27 33 39 47 56 68 82 100 120 150 180 227 330 390 470 560 680 910 1200 1200 1200 1200 1200 1200 1200	$H_{\mathscr{C}}^{H}$	100 100 100 100 100 100 100 100 100 100	1000 1000 1000 500 500 350 350 350 350 350 350 350	55556666666666666666666666666666666666	6000 5500 5500 5500 4300 3600 2700 2700 2500 1800 1500 1500 1500 1100 950 880 800 730 480 430 380 360 350 250 200 160 130 80 50 45 42 21 20 21 20 18	0.06 0.06 0.08 0.08 0.10 0.10 0.10 0.10 0.12 0.18 0.18 0.22 0.33 0.45 0.40 1.50 2.20 2.30 3.18 3.30 1.65 2.20 2.85 4.00 4.80 4.80 4.50 4.50 4.50 4.50 4.50 4.50 4.50 4.5	1000 1000 1000 1000 1000 1000 1000 100

#### **FEATURES**

- High self-resonant frequency values
- High Q values at higher frequencies

Wirewound construction

Compatible with vapor phase and infrared reflow soldering

• Tape and reel packaging for automatic handling, 2000/reel

Compliant to RoHS directive 2002/95/EC

#### **ELECTRICAL SPECIFICATIONS**

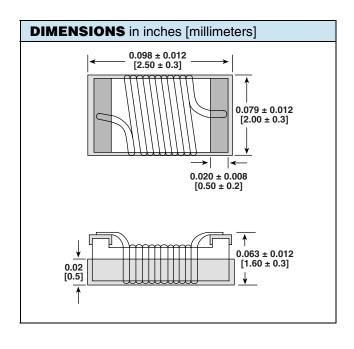
Inductance Range: 3.3 nH to 47 000 nH Inductance and Tolerance: 0.3 nH for 3.3 nH

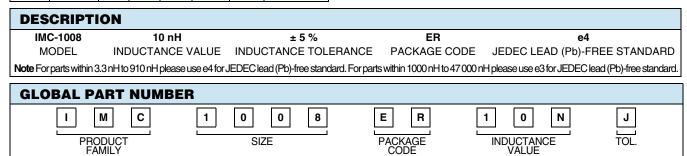
± 5 % for 6.8 nH to 47 000 nH

Operating Temperature: - 40 °C to + 125 °C Core Material: Ceramic from 3.3 nH to 1000 nH Ferrite from 1200 nH to 47 000 nH

#### **TEST EQUIPMENT**

- Inductance and Q measured on HP4286A
- SRF measured on HP8753D

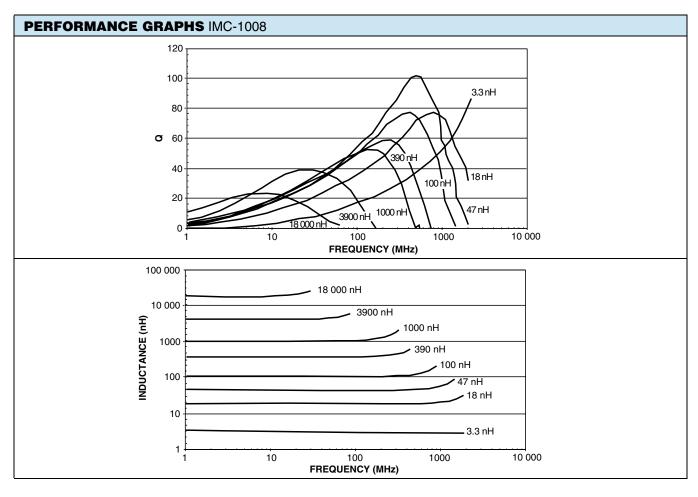


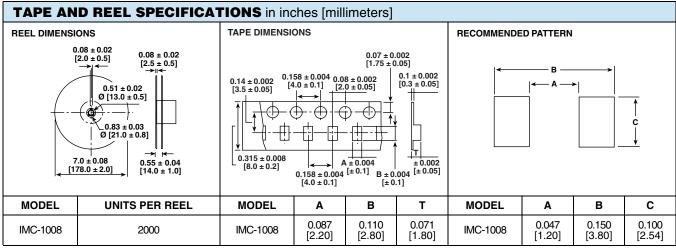


Document Number: 34041 Revision: 10-Aug-06 Vishay Dale

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Document Number: 91000 www.vishay.com
Revision: 11-Mar-11 1