



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



STANDARD ELECTRICAL SPECIFICATIONS							
IND. (nH)	TOL.	TEST FREQ. (MHz) L Q		Q MIN.	SRF MIN. (MHz)	DCR MAX. (Ω)	RATED DC CURRENT (mA)
3.3 6.8 8.2 10 12 15 18 22 27 33 39 47 56 68 82 100 120 150 180 220 270 330 470 560 680 750 820 910 1000 1200 1500 1800 2200 3300 3900 1200 1500 1200 1500 1200 1500 1500 1600 1700 1700 1700 1700 1700 1700 17	$H_{k}$ %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	100 100 100 100 100 100 100 100 100 100	1000 1000 1000 1000 500 350 350 350 350 350 350 350 100 100 100 100 100 100 100 100 100 1	55555666666666666666664454545555555666666	6000 5500 4300 3600 2700 2700 2500 1800 1500 1500 1300 1100 1500 1300 1100 950 880 800 730 650 570 530 480 430 360 330 310 280 250 200 160 130 80 50 45 42 21 20 21 20 18 17	0.06 0.06 0.08 0.08 0.10 0.10 0.10 0.10 0.12 0.18 0.22 0.33 0.45 0.90 1.06 2.20 2.30 3.18 3.30 1.65 2.20 2.85 4.00 2.80 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**

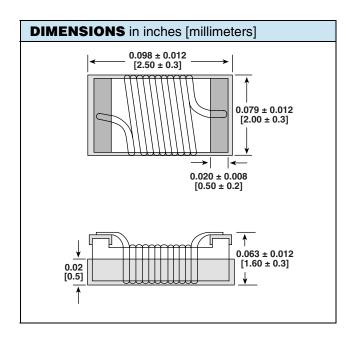
Inductance Range: 3.3 nH to 47 000 nH Inductance and Tolerance: 0.3 nH for 3.3 nH

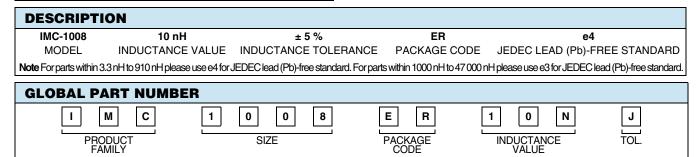
± 5 % for 6.8 nH to 47 000 nH

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

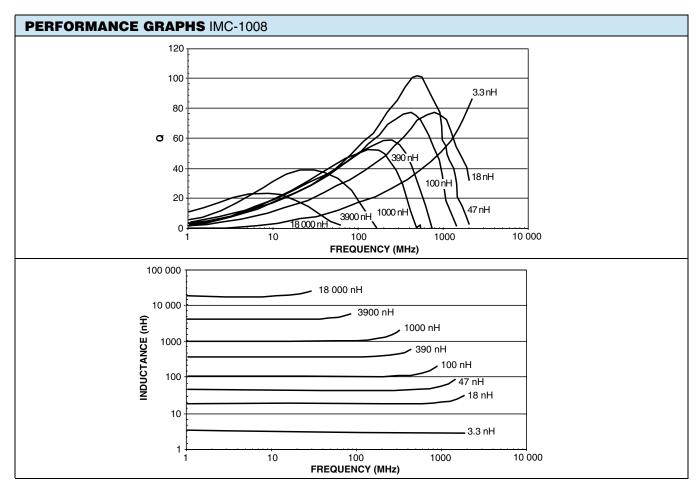


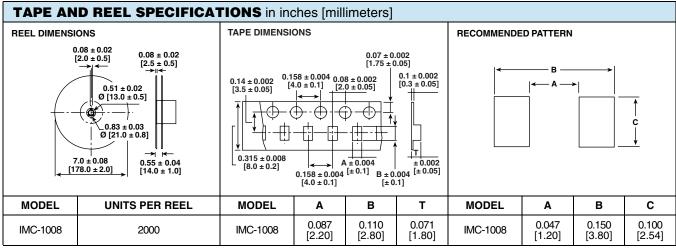


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