High Frequency, Surface Mount Inductors

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
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

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

DIMENSIONS in inches [millimeters]

REVISED 08-Jan-15

GLOBAL PART NUMBER

<table>
<thead>
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<th>M</th>
<th>C</th>
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<th>0</th>
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<th>0</th>
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<td>PACKAGE CODE</td>
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Revision: 08-Jan-15

For technical questions, contact: magnetics@vishay.com

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### PERFORMANCE GRAPHS IMC-1008

![Performance Graphs Diagram](image)

### TAPE AND REEL SPECIFICATIONS in inches [millimeters]

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<th>MODEL</th>
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<th>MODEL</th>
<th>MODEL</th>
<th>A</th>
<th>B</th>
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<th>MODEL</th>
<th>A</th>
<th>B</th>
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<td>IMC-1008</td>
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