



Vishay Dale

Wirewound, Surface Mount Molded Inductors



STANDARD ELECTRICAL SPECIFICATIONS						
IND. (µH)	TOL.	TEST FREQ. (MHz) L & Q	Q MIN.	SRF MIN. (MHz)	DCR MAX. (Ω)	RATED DC CURRENT (mA) ⁽¹⁾
$\begin{array}{c} 0.010\\ 0.012\\ 0.012\\ 0.022\\ 0.023\\ 0.039\\ 0.0476\\ 0.068\\ 0.039\\ 0.0476\\ 0.068\\ 0.082\\ 0.12\\ 0.15\\ 0.12\\ 0.273\\ 0.399\\ 0.476\\ 0.682\\ 1.0\\ 1.5\\ 8.227\\ 3.39\\ 4.56\\ 8.2\\ 10\\ 125\\ 8.2\\ 233\\ 947\\ 568\\ 820\\ 120\\ 180\\ 220\\ 180\\ 180\\ 180\\ 180\\ 180\\ 180\\ 180\\ 18$	%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	50 50 50 50 50 50 50 50 50 50 50 50 50 5	00000000000000000000000000000000000000	$\begin{array}{c} 1000\\ 1000\\ 1000$	$\begin{array}{c} 0.13\\ 0.14\\ 0.18\\ 0.20\\ 0.224\\ 0.33\\ 0.442\\ 0.258\\ 0.336\\ 0.445\\ 0.258\\ 0.366\\ 0.755\\ 0.67\\ 0.755\\ 0.99\\ 0.11\\ 1.23\\ 1.68\\ 2.15\\ 8.37\\ 0.0\\ 0.00\\ 1.1\\ 2.58\\ 3.7\\ 0.0\\ 0.00\\ 1.1\\ 2.58\\ 3.7\\ 0.0\\ 0.00\\ 1.1\\ 2.58\\ 3.7\\ 0.0\\ 0.0\\ 0.1\\ 0.0\\ 0.1\\ 0.0\\ 0.0\\ 0.0$	734 70716624 2955640 533034870 4550054488 45500 45500 45500 45500 45500 45500 45500 45500 45500 45500 45500 45500 25247 2094 189334 151522 1104 987 883 973 70560 50

Note

⁽¹⁾ Rated DC current based on the maximum temperature rise, not to exceed 40 °C at +85 °C ambient

FEATURES

- Printed marking
- Molded construction provides superior strength and moisture resistance



- RoHS Compatible with vapor phase and infrared reflow COMPLIANT soldering
- Tape and reel packaging for automatic handling, 2000/reel, EIA-481
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

ELECTRICAL SPECIFICATIONS

Inductance range: 0.01 µH to 220 µH

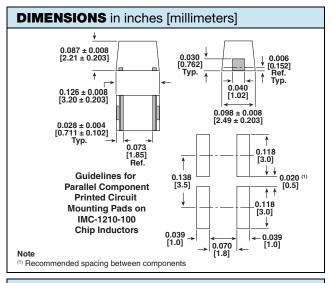
Special tolerances available upon request

Operating temperature: -55 °C to +125 °C

Coilform material: Non-magnetic from 0.01 µH to 0.10 µH Powdered iron from 0.12 μ H to 100 μ H Ferrite from 120 µH to 220 µH

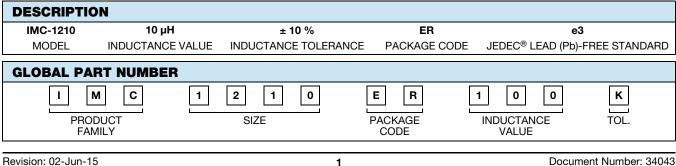
TEST EQUIPMENT

- HP4342A Q meter with Vishay Dale test fixture or equivalent
- HP4191A RF impedance analyzer (for SRF measurements)
- Wheatstone brigde



PART MARKING

- Vishay Dale
- Inductance value
- Date code



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For technical questions, contact: magnetics@vishay.com



Vishay

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