



Vishay Dale

High Frequency, Surface-Mount Molded Inductors

FEATURES

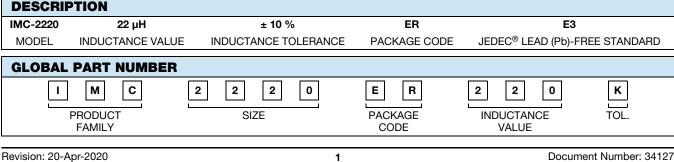
and moisture resistance



STANDARD ELECTRICAL SPECIFICATIONS						
IND. (µH)	TOL.	TEST FREQ. (MHz) L & Q	Q MIN.	SRF MIN. (MHz)	DCR MAX. (Ω)	RATED DC CURRENT (mA) ⁽¹⁾
$\begin{array}{c} 1.0\\ 1.2\\ 1.5\\ 1.8\\ 2.2\\ 2.7\\ 3.9\\ 4.7\\ 5.6.8\\ 8.2\\ 10\\ 15\\ 18\\ 227\\ 33\\ 39\\ 4.7\\ 5.6.8\\ 8.2\\ 10\\ 15\\ 18\\ 227\\ 339\\ 4.7\\ 6.8\\ 820\\ 1200\\ 1500\\ 1200\\ 1500\\ 1200\\ 1500\\ 1200\\ 1500\\ 1200\\ 2700\\ 3300\\ 4700\\ 5600\\ 8200\\ 1000\\ 10000\\ 10000\\ 1$	100%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	$\begin{array}{c} 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 7.96\\ 2.52\\ 0.252\\ 0.$	10010000000000000000000000000000000000	97057233329642997643555887764654849629642228543329642291116435558877646548496296422285432211111988765	$\begin{array}{c} 0.030\\ 0.035\\ 0.040\\ 0.050\\ 0.060\\ 0.070\\ 0.080\\ 0.090\\ 0.130\\ 0.130\\ 0.130\\ 0.130\\ 0.130\\ 0.210\\ 0.250\\ 0.300\\ 0.300\\ 0.300\\ 0.300\\ 0.300\\ 0.250\\ 0.300\\ 0.420\\ 0.300\\ 0.420\\ 0.220\\ 0.220\\ 0.220\\ 0.220\\ 0.220\\ 0.300\\ 0.520\\ 0.520\\ 0.520\\ 0.520\\ 0.550\\ 1.00\\ 1.00\\ 1.00\\ 1.20\\ 1.20\\ 0.850\\ 1.00\\ 1.20\\ 0.850\\ 1.00\\ 1.50\\ 1.50\\ 1.50\\ 0.55.0\\ 60.0\\ 78.0\\ 8.50\\ 0.125.0\\ 125.0\\ 125.0\\ 150.0\\ 125.0\\ 150.0\\ 125.0\\ 125.0\\ 150.0\\ 125.0\\ 125.0\\ 150.0\\ 125.0\\$	$\begin{array}{c} 1800\\ 1700\\ 1600\\ 1400\\ 1200\\ 1200\\ 1050\\ 950\\ 880\\ 810\\ 750\\ 690\\ 630\\ 530\\ 480\\ 400\\ 370\\ 250\\ 220\\ 210\\ 190\\ 270\\ 250\\ 210\\ 190\\ 155\\ 140\\ 120\\ 110\\ 100\\ 985\\ 75\\ 70\\ 655\\ 45\\ 40\\ 330\\ 28\\ 25\end{array}$

Note

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





RoHS COMPLIANT

HALOGEN

FREE

· Compatible with vapor phase infrared and wave soldering methods (100 % tin plating)

Molded construction provides superior strength

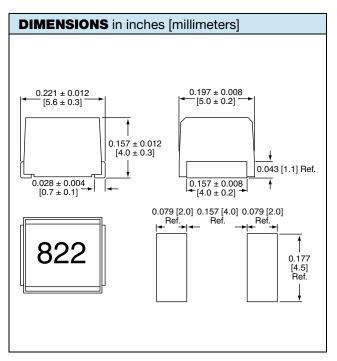
 Material categorization: for definitions of compliance please see www.vishav.com/doc?99912

ELECTRICAL SPECIFICATIONS

Inductance Range: 1.0 µH to 10 000 µH Inductance and Tolerance: ± 10 %, ± 5 % Operating Temperature: -40 °C to +125 °C Storage Temperature: -40 °C to +125 °C

TEST EQUIPMENT

- Inductance and Q measured on HP4191
- SRF measured on HP3755
- DCR measured on HP34401



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Vishay

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