

High Frequency, Surface-Mount Molded Inductors

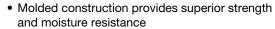




| STANDARD ELECTRICAL SPECIFICATIONS | | | | | | |
|---|--|---|---|--|--|--|
| IND. (µH) | TOL. | TEST FREQ. (MHz) L & Q | Q MIN. | SRF MIN. (MHz) | DCR MAX. (Ω) | RATED DC CURRENT (mA) (1) |
| 1.0 1.2 1.5 1.8 2.2 2.7 3.3 3.9 4.7 5.6 6.8 8.2 10 15 15 18 22 7 33 39 47 56 68 82 100 120 150 120 270 330 470 560 1200 1200 1200 1200 1200 1200 1200 12 | 100%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% | 7.96 7.96 7.96 7.96 7.96 7.96 7.96 7.96 | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 95 70 57 57 42 37 42 32 29 20 21 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0.030 0.035 0.040 0.050 0.060 0.070 0.100 0.110 0.150 0.150 0.300 0.300 0.360 0.430 0.520 0.720 0.850 1.20 1.40 1.90 2.20 2.80 3.420 4.90 5.80 10.0 15.00 17.0 20.0 35.0 60.0 78.0 85.0 110.0 125.0 110.0 125.0 110.0 | 1800 1700 1600 1400 1300 11200 11200 1050 950 880 810 750 690 630 580 480 440 440 370 250 270 250 210 190 170 155 140 130 120 155 140 130 120 155 140 155 160 170 170 170 170 170 170 170 170 170 17 |

Note

FEATURES





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

RoHS **HALOGEN** FREE

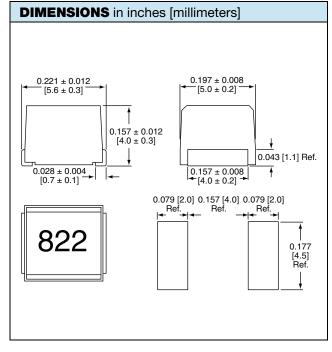
· Material categorization: for definitions of compliance please see www.vishav.com/doc?99912

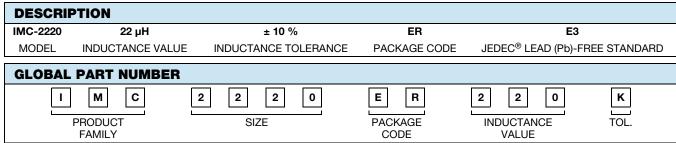
ELECTRICAL SPECIFICATIONS

Inductance Range: 1.0 µH to 10 000 µH Inductance and Tolerance: \pm 10 %, \pm 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





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



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