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High Frequency, Surface-Mount Molded Inductors

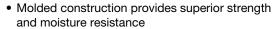




STANDARD ELECTRICAL SPECIFICATIONS						
IND. (µH)	TOL.	TEST FREQ. (MHz)	Q MIN.	SRF MIN. (MHz)	DCR MAX. (Ω)	RATED DC CURRENT (mA) (1)
1.0 1.2 1.5 1.8 2.2 2.7 3.3 3.9 4.7 5.6 6.8 8.2 10 12 15 18 22 7 33 39 47 56 68 82 100 120 150 180 227 330 390 470 560 680 820 1200 1200 1200 1200 1200 1200 120	100%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	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	95 705 42 33 32 22 19 11 10 10 10 10 10 10 10 10 10 10 10 10	0.030 0.035 0.040 0.050 0.060 0.070 0.080 0.150 0.150 0.150 0.300 0.300 0.300 0.520 0.520 0.720 0.850 1.40 1.40 1.40 1.90 2.20 2.80 3.40 4.90 5.80 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.5	1800 1700 1600 1400 1300 11200 1120 1050 950 880 810 750 690 630 580 530 480 440 370 290 270 250 210 190 170 155 140 130 110 100 90 85 75 70 60 63 230 240 250 230 210 190 250 250 230 240 250 250 250 250 250 250 250 250 250 25

Note

FEATURES





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

/e RoHS
COMPLIANT
HALOGEN
FREE

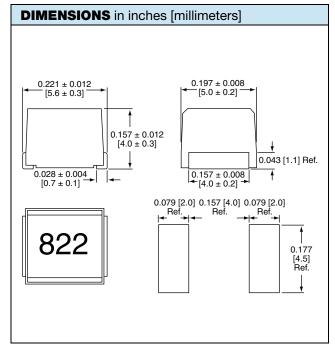
 Material categorization: for definitions of compliance please see www.vishav.com/doc?99912

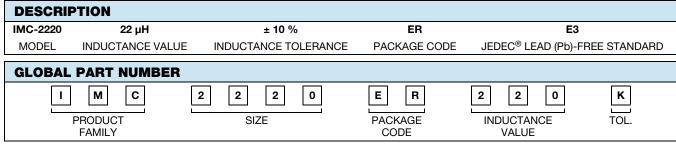
ELECTRICAL SPECIFICATIONS

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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