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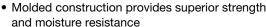
# **High Frequency, Surface Mount Molded Inductors**





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 12 15 18 22 7 33 39 47 56 68 82 100 1200 1500 1200 1500 1200 1500 1200 1500 1200 1500 1200 1500 1200 1500 15	10	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	9705742742964297643555587466484962964228543211198877665443332222222811111988765	0.030 0.035 0.040 0.050 0.060 0.070 0.080 0.110 0.130 0.150 0.180 0.210 0.300 0.360 0.420 0.520 0.520 0.720 1.40 1.60 1.90 2.20 2.80 3.40 4.90 5.80 10.0 11.0 20.0 15.0 17.0 20.0 30.0 35.0 78.0 85.0 78.0 85.0 71.0 125.0 115.0	1800 1700 1600 1400 1300 1200 1120 1050 950 880 8750 690 530 480 440 370 290 270 250 230 210 190 170 155 140 130 110 100 90 85 75 75 60 53 48 29 27 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20

# **FEATURES**





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

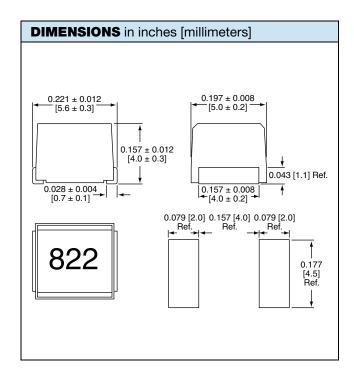
 Material categorization: for definitions of compliance please see www.vishav.com/doc?99912

### **ELECTRICAL SPECIFICATIONS**

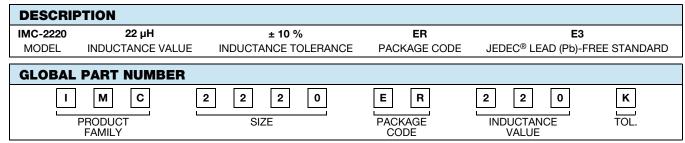
Inductance Range: 1.0 µH to 10 000 µH Inductance and Tolerance: ± 10 %, ± 5 % Operating Temperature: -40 °C to +125 °C Storage Temperature: -40 °C to +125 °C

### **TEST EQUIPMENT**

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



Rated DC current based on the maximum temperature rise, not to exceed 40  $^{\circ}\text{C}$  at +85  $^{\circ}\text{C}$  ambient





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