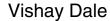
RoHS

COMPLIANT

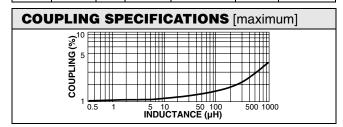




Surface Mount, Molded, Shielded Inductors



STANDARD ELECTRICAL SPECIFICATIONS						
IND. (µH)	TOL.	Q MIN.	TEST FREQ. L & Q (MHz)	SELF- RESONANT FREQ. MIN. (MHz)	DCR MAX. (Ohms)	RATED* DC CURRENT (mA)
0.10 0.12 0.15 0.18 0.22 0.33 0.39 0.47 0.68 0.68	± 200%%%%%% ± 2000%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	30 30 30 30 30 30 30 30 30 30 30 30 30 3	ঀঀঀঀঀঀঀয়	460 400 390 350 3180 240 215 195 165 165	0.23 0.26 0.29 0.32 0.36 0.40 0.45 0.60 0.75 0.80 0.95 1.20	552 519 491 468 441 418 394 306 296 296 242
1.0.2.5.8.2.7.3.9.7.6.8.2. 1.1.2.2.3.3.4.5.6.8.2	±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±±	30 30 30 30 30 30 30 30 30 30 30 30	7.9666666666666666666666666666666666666	140 120 100 90.0 80.0 61.0 56.0 56.0 40.0 32.0 30.0	0.35 0.38 0.40 0.43 0.49 0.55 0.69 0.75 0.82	447 429 418 403 390 378 357 344 336 3336 3292
10.0 12.0 15.0 18.0 22.0 27.0 33.0 39.0 47.0 56.0 68.0 82.0	± 10%%%%% ± 100%%%%%%% ± 1000%%%%%%% ± 11000%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	50000000000000000000000000000000000000	22222222222222 55555555555555555555555	25.0 22.0 18.0 15.0 14.0 13.0 12.0 11.0 9.0 8.0 7.2	0.90 1.00 1.104 1.236 1.729 1.890 2.134 2.266 2.86	279 265 252 238 227 212 202 192 183 173 164 156
100.0 120.0 150.0 220.0 270.0 330.0 470.0 560.0 680.0 820.0 1000.0	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	50 50 50 40 40 40 40 40 40 40 40	0.796 0.796 0.796 0.796 0.796 0.796 0.796 0.796 0.796 0.796 0.796	7.65444333300000	3.25 3.64 4.16 5.72 6.30 7.52 9.20 10.50 12.50 13.50 16.0	147 139 130 111 105 196 927 82 76 766



FEATURES

- Molded construction provides superior strength and moisture resistance
- Tape and reel packaging for automatic handling, 2000/reel, EIA 481
- Compatible with vapor phase and infrared reflow soldering
- Shielded construction minimizes coupling to other components
- 100 % lead (Pb)-free and RoHS compliant

ELECTRICAL SPECIFICATIONS

Inductance Range: $0.10 \mu H$ to $1000 \mu H$

Inductance Tolerance: $\pm~20~\%$ for 0.10 μH to 0.82 μH

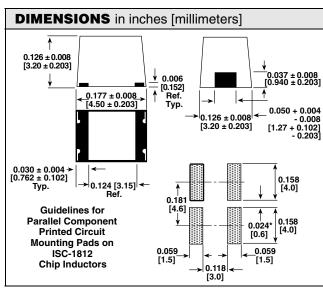
 \pm 10 % for 1.0 μ H to 1000 μ H standard \pm 10 %, \pm 5 % and \pm 3 % available

Temperature Range: - 55 °C to + 125 °C

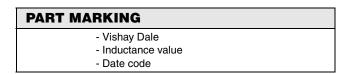
Coilform Material: Non-Magnetic for 0.10 μ H to 0.82 μ H Powdered iron for 1.0 μ H to 22 μ H. Ferrite for 27 μ H to 1000 μ H

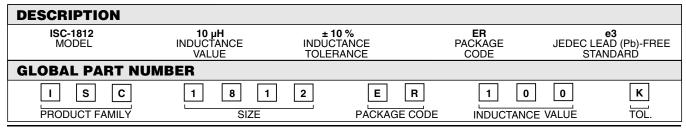
TEST EQUIPMENT

- H/P 4342A Q-meter with Vishay Dale test fixture or equivalent
- H/P 4191A RF Impedance Analyzer (for SRF measurements)
- Wheatstone bridge



*Recommended minimum spacing between components





Legal Disclaimer Notice



Vishay

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