Vishay Dale



Inductors

Epoxy Conformal Coated, Axial Leaded



STANDARD ELECTRICAL SPECIFICATIONS									
IND. (µH)	TOL.	Q MIN.	TEST FREQ. L & Q (MHz)	SRF MIN. (MHz)	DCR MAX. (Ohms)	RATED DC CURRENT (mA)			
0.10 0.12 0.15 0.18 0.22 0.27 0.33 0.39 0.47 0.56 0.68 0.82	$\begin{array}{c} \pm 5 \%, \pm 10 \% \\ \end{array}$	25 25 25 25 25 25 25 25 25 25 25 25 25 2	25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2	320 320 320 320 300 300 300 280 250 230 210 172	0.15 0.16 0.17 0.19 0.21 0.24 0.28 0.32 0.36 0.41 0.47 0.24	1750 1650 1560 1480 1400 1320 1280 1200 1150 1100 1030 980			
1.0 1.2 1.5 1.8 2.2 2.7 3.9 4.7 5.6 8.2 10 12 15 18 22 27 33 39 47 56 682 27 33 39 47 56 682 100	$\begin{array}{l} \pm 5 \%, \pm 10 \% \\ \pm 5 $	45005506650050777776455505044050	25.26 7.996 7.996 7.996 7.996 7.996 7.996 7.996 2.552 2.552 2.552 2.552 2.552 2.552 2.552 2.552 2.552 2.552 2.552 2.552 2.552	140 140 131 121 110 100 94 86 80 74 68 53 45 34 20 14 9.9 7.6 6.3 6.3 6.2 5.3 4.8	0.24 0.27 0.30 0.32 0.35 0.35 0.37 0.39 0.43 0.52 0.58 0.63 0.72 0.77 0.84 1.03 1.12 1.22 1.34 1.47 1.62 1.80	920 880 880 790 750 720 670 640 620 590 550 530 480 460 430 410 390 370 350 340 320 306 290 275			
120 150 180 220 270 330 390 470 560 680 820 1000	$\begin{array}{l} \pm 5 \%, \pm 10 \% \\ \end{array}$	70 70 70 65 65 60 65 55 50	0.796 0.796 0.796 0.796 0.796 0.796 0.796 0.796 0.796 0.796 0.796	3.8 3.5 3.0 2.8 2.6 2.4 2.25 2.10 1.95 1.85 1.40	3.7 4.2 4.6 5.1 5.8 6.4 7.0 7.7 8.5 9.4 12.0	185 175 165 155 146 137 133 126 120 113 100			

FEATURES

 High performance ferrite core is used in this epoxy conformally coated choke which allows for inductance values to 1000 μH



RoHS

COMPLIANT

· Axial lead type, small lightweight design

- Special magnetic core structure contributes to high Q and self-resonant frequencies
- Treated with epoxy resin coating for humidity resistance to ensure long life
- Heat resistant adhesives and special structural design for effective open circuit measurement

ELECTRICAL SPECIFICATIONS

Inductance Range: 0.1 μH to 1000 μH

Inductance Tolerance: \pm 10 % from 0.1 μH to 1000 μH

standard, ± 5 % optional

Operating Temperature Range: - 20 °C to + 105 °C

Dielectric Strength: 250 VRMS

MECHANICAL SPECIFICATIONS

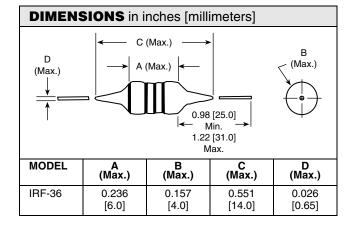
Terminal Strength: Pull = 5 pounds, Twist = 360° C x 3

Protection: Epoxy uniform roll coated

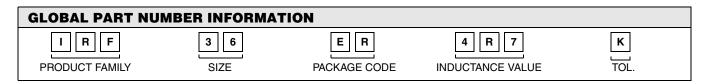
Leads: Tinned copper

ENVIRONMENTAL SPECIFICATIONS

Maximum Temperature Rise: + 20 °C



DESCRIPTION								
IRF-36	4.7 μΗ	± 10 %	ER	e3				
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD				





Vishay

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