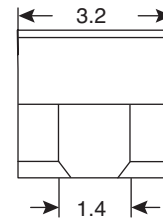
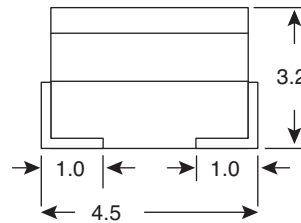
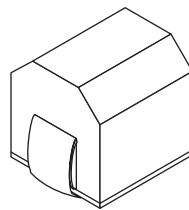
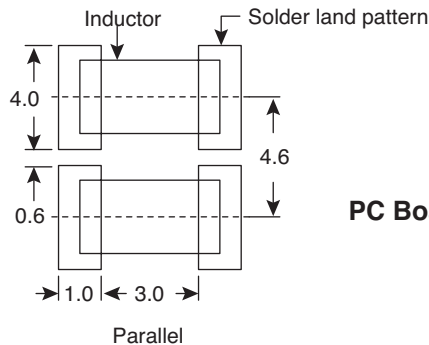


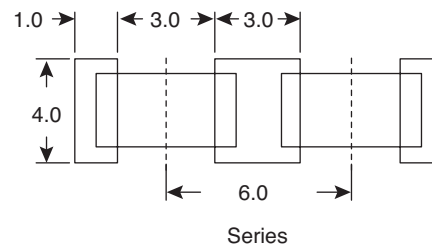
Dimensions: mm



Dimensions (in.)

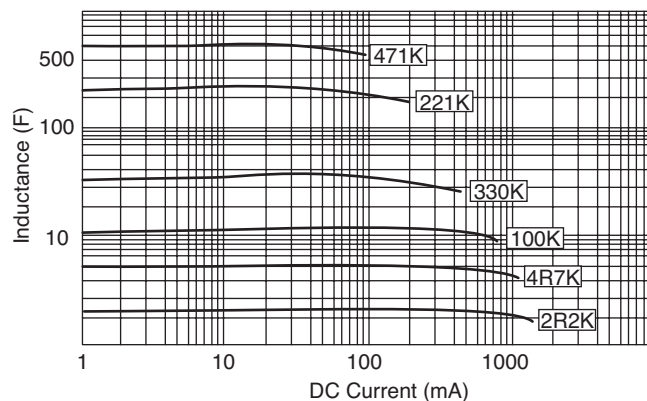
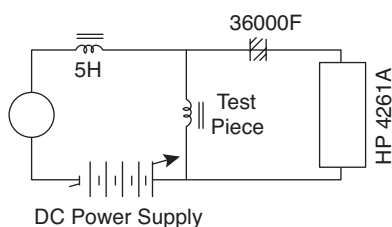


PC Board Patterns

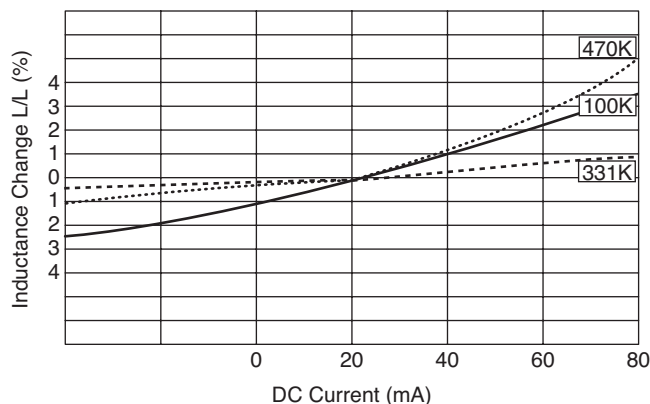


Mouser Stock No.	L (μH)	Q (min.)	Test Freq. (MHz)	SRF (MHz)	DCR Max. Ω	RatedDC (mA)	Tol. ±%
434-18-R10M-RCX	0.10	35	25.2	300	0.18	800	20
434-18-R15M-RCX	0.15	35	25.2	250	0.22	730	20
434-18-R22M-RCX	0.22	40	25.2	200	0.25	665	20
434-18-R33M-RCX	0.33	40	25.2	165	0.28	605	20
434-18-R47M-RCX	0.47	40	25.2	145	0.32	545	20
434-18-R68M-RCX	0.68	40	25.2	135	0.40	500	20
434-18-1R0K-RCX	1.0	50	7.96	100	0.50	450	10
434-18-1R2K-RCX	1.2	50	7.96	80	0.55	430	10
434-18-1R5K-RCX	1.5	50	7.96	70	0.60	410	10
434-18-1R8K-RCX	1.8	50	7.96	60	0.65	390	10
434-18-2R2K-RCX	2.2	50	7.96	55	0.70	380	10
434-18-2R7K-RCX	2.7	50	7.96	50	0.75	370	10
434-18-3R3K-RCX	3.3	50	7.96	45	0.80	355	10
434-18-4R7K-RCX	4.7	50	7.96	35	1.00	315	10
434-18-5R6K-RCX	5.6	50	7.96	33	1.10	300	10
434-18-6R8K-RCX	6.8	50	7.96	27	1.20	285	10
434-18-8R2K-RCX	8.2	50	7.96	25	1.40	270	10
434-18-100K-RCX	10	50	2.52	20	1.60	250	10
434-18-120K-RCX	12	50	2.52	18	2.00	225	10
434-18-150K-RCX	15	50	2.52	17	2.50	200	10
434-18-180K-RC	18	50	2.52	15	2.80	190	10
434-18-220K-RC	22	50	2.52	13	3.20	180	10
434-18-270K-RC	27	50	2.52	12	3.60	170	10
434-18-330K-RC	33	50	2.52	11	4.00	160	10
434-18-470K-RC	47	50	2.52	10	5.00	140	10
434-18-560K-RC	56	50	2.52	9	5.50	135	10
434-18-101K-RCX	100	40	0.796	8	8.00	110	10
434-18-151K-RCX	150	40	0.796	5	9.00	105	10
434-18-181K-RC	180	40	0.796	5	9.50	102	10
434-18-221K-RC	220	40	0.796	4	10.00	100	10
434-18-331K-RC	330	40	0.796	3.5	14.00	85	10
434-18-471K-RC	470	40	0.796	3	26.00	62	10
434-18-681K-RC	680	30	0.796	3	30.00	50	10
434-18-102K-RCX	1000	20	0.252	2.5	40.00	30	10

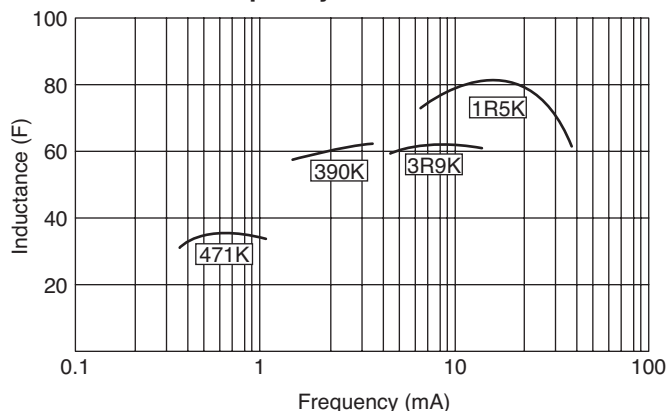
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Inductance Change-Temperature Characteristics



Q-Frequency Characteristics



■ Specifications:

- Type: magnetic shielded chip
- Temperature rise: 20°C (360°F) max. (against ambient temperature)
- Ambient temperature: 80°C (176°F) max.
- Operating temperature: -30~ +100°C (-4~ +212°F) including self-temperature rise
- Storage temperature: -40~ +100°C (-4~ +212°F)
- Terminal tensile strength: 1kg min.
- Current rating: value obtained when current flows & temperature has risen to 20°C (36°F) or when LC current flows & the initial value of inductance has fallen by 10%, whichever is smaller
- Resistance to soldering heat: 260°C (500°F) for 10 seconds
- Resistance to solvent: conforms to MIL-STD-202E
- RoHS Compliant

Specifications are subject to change without notice. No liability or warranty implied by this information. Environmental compliance based on producer documentation.

Mouser Electronics

Authorized Distributor

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[434-18-8R2K-RCX](#) [434-18-330K-RC](#) [434-18-1R8K-RCX](#) [434-18-150K-RCX](#) [434-18-270K-RC](#) [434-18-681K-RC](#)
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[434-18-180K-RC](#) [434-18-1R0K-RCX](#) [434-18-4R7K-RCX](#) [434-18-221K-RC](#) [434-18-R10M-RCX](#) [434-18-1R2K-RCX](#)
[434-18-151K-RCX](#) [434-18-R22M-RCX](#) [434-18-R15M-RCX](#) [434-18-181K-RC](#)