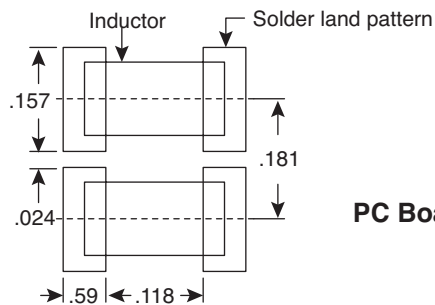
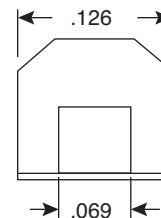
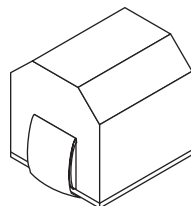
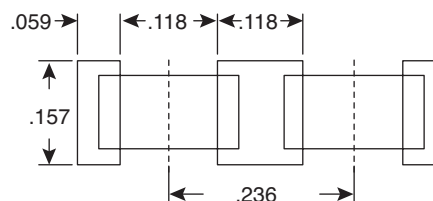


Dimensions: mm



Parallel

Dimensions (In.)

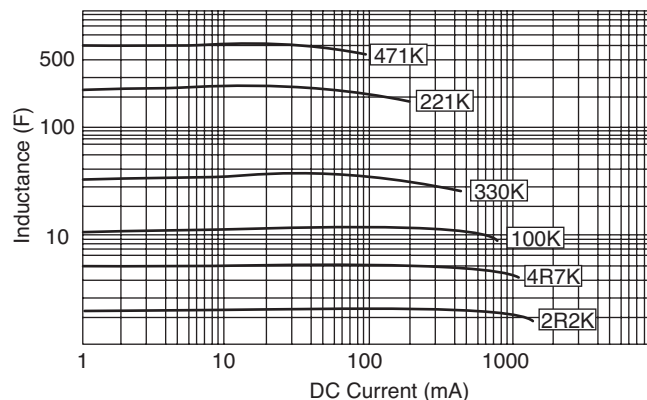
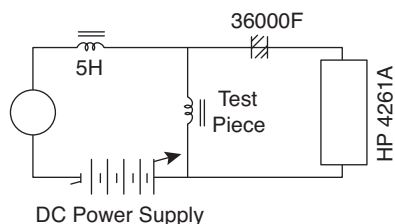


Series

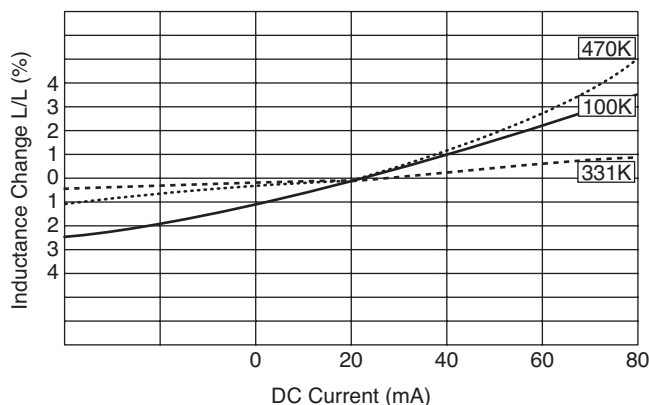
PC Board Patterns

Mouser Stock No.	L (μH)	Q (min.)	Test Freq. (MHz)	SRF (MHz)	DCR Max. Ω	RatedDC (mA)	Tol. ±%
435-18-R10M	0.10	28	25.2	700	0.44	450	20
435-18-R15M	0.15	30	25.2	450	0.25	450	20
435-18-R22M	0.22	30	25.2	350	0.32	450	20
435-18-R33M	0.33	30	25.2	300	0.40	450	20
435-18-R47M	0.47	30	25.2	220	0.50	450	20
435-18-R68M	0.68	30	25.2	160	0.60	450	20
435-18-1R0K	1.0	50	7.96	100	0.50	450	10
435-18-1R2K	1.2	50	7.96	80	0.55	430	10
435-18-1R5K	1.5	50	7.96	70	0.60	410	10
435-18-1R8K	1.8	50	7.96	60	0.65	390	10
435-18-2R2K	2.2	50	7.96	55	0.70	380	10
435-18-2R7K	2.7	50	7.96	50	0.75	370	10
435-18-3R3K	3.3	50	7.96	45	0.80	355	10
435-18-4R7K	4.7	50	7.96	35	1.00	315	10
435-18-5R6K	5.6	50	7.96	33	1.10	300	10
435-18-6R8K	6.8	50	7.96	27	1.20	285	10
435-18-8R2K	8.2	50	7.96	25	1.40	270	10
435-18-100K	10	50	2.52	20	1.60	250	10
435-18-120K	12	50	2.52	18	2.00	225	10
435-18-150K	15	50	2.52	17	2.50	200	10
435-18-180K	18	50	2.52	15	2.80	190	10
435-18-220K	22	50	2.52	13	3.20	180	10
435-18-270K	27	50	2.52	12	3.60	170	10
435-18-330K	33	50	2.52	11	4.00	160	10
435-18-470K	47	50	2.52	10	5.00	140	10
435-18-560K	56	50	2.52	9	5.50	135	10
435-18-101K	100	40	0.796	7	8.00	110	10
435-18-151K	150	40	0.796	5	9.00	105	10
435-18-181K	180	40	0.796	5	9.50	102	10
435-18-221K	220	40	0.796	4	12.00	100	10
435-18-331K	330	30	0.796	3	20.00	85	10
435-18-471K	470	30	0.796	3	26.00	62	10
435-18-681K	680	30	0.796	2	40.00	50	10
435-18-102K	1000	30	0.796	2	50.00	30	10

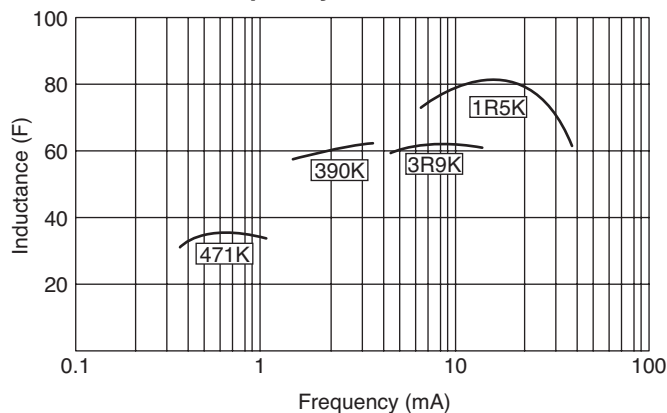
Dimensions: mm



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: -20~ +100°C (-4~ +212°F) including self-temperature rise
- Storage temperature: -20~ +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

Mouser Electronics

Authorized Distributor

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[435-18-471K](#) [435-18-681K](#) [435-18-6R8K](#) [435-18-8R2K](#) [435-18-R33M](#) [435-18-R47M](#) [435-18-R68M](#) [435-18-1R0K](#)
[435-18-2R2K](#) [435-18-2R7K](#) [435-18-3R3K](#) [435-18-4R7K](#) [435-18-5R6K](#)