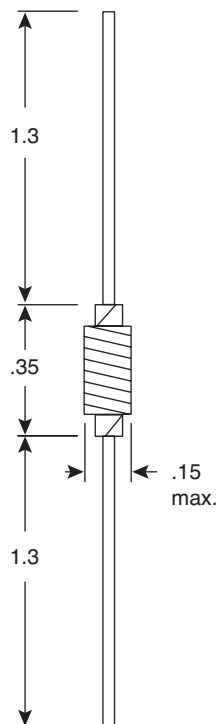




RF Chokes

43LQ Series

Dimensions: mm



Mouser Stock No.	L (μH)	Q min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR (Ω) max.	Max DC Current (mA)
43LQ107	.10	40	25	575	.025	2828
43LQ157	.15	40	25	500	.03	2582
43LQ227	.22	40	25	400	.04	2236
43LQ337	.33	40	25	325	.075	1633
43LQ477	.47	40	25	275	.15	1154
43LQ687	.68	40	25	225	.25	894
43LQ757	.75	40	25	200	.275	852
43LQ827	.82	40	25	175	.3	816
43LQ106	1.0	40	7.9	125	.36	745
43LQ126	1.2	40	7.9	100	.1	1414
43LQ156	1.5	40	7.9	95	.115	1318
43LQ186	1.8	40	7.9	85	.12	1290
43LQ226	2.2	40	7.9	83	1.65	1100
43LQ276	2.7	40	7.9	75	1.85	1039
43LQ336	3.3	35	7.9	65	.275	852
43LQ396	3.9	35	7.9	60	.3	816
43LQ476	4.7	35	7.9	55	.465	655
43LQ566	5.6	35	7.9	50	.5	632
43LQ686	6.8	35	7.9	50	.625	565
43LQ756	7.5	35	7.9	45	.65	554
43LQ826	8.2	35	7.9	40	.75	516
43LQ105	10	35	7.9	30	1.5	365
43LQ125	12	30	2.52	26	1.37	318
43LQ155	15	30	2.52	20	1.62	305
43LQ185	18	30	2.52	14	1.71	278
43LQ225	22	30	2.52	10	1.88	225
43LQ275	27	30	2.52	7	2.03	200
43LQ335	33	30	2.52	5	2.39	196
43LQ395	39	30	2.52	4.3	2.53	192
43LQ475	47	30	2.52	4	2.78	186
43LQ565	56	30	2.52	3.8	3.06	179
43LQ685	68	30	2.52	3.5	3.42	170
43LQ825	82	30	2.52	3.3	3.59	154
43LQ104	100	30	.796	3.0	4.35	136
43LQ124	120	30	.796	2.5	4.14	115
43LQ154	150	30	.796	2.5	4.85	104
43LQ184	180	30	.796	2.2	5	95
43LQ224	220	30	.796	2.0	5.87	83.5
43LQ274	270	30	.796	1.5	8.06	77
43LQ334	330	30	.796	1.4	8.5	69
43LQ394	390	30	.796	1.4	9.31	60
43LQ474	470	30	.796	1.2	13.9	51
43LQ564	560	30	.796	1.1	15.1	48
43LQ684	680	30	.796	1.1	15.7	40.25
43LQ824	820	30	.796	1.0	18.5	32
43LQ103	1000	30	.796	.9	22.2	30

Specifications:

- Type: sub-miniature
- Inductive tolerance: .10~1.0μH ±20%; 1.2~1000μH ±10%
- Initial permeability: 60
- Saturation flux density: 3200 gauss
- Residual flux density: 1800 gauss
- Coercive force: 2.5 oersteds
- Curie temperature: 300°C
- Temperature coefficient of initial permeability: $9 \times 10^{-6}/^{\circ}\text{C}$
- Loss factor: 40 @ .4MHz; 200 @ 2MHz
- Specific gravity: 4.7
- Thermal operating temperature range: -20°C~+80°C
- Core: ferrite
- Terminal: tin coated copper wire
- Magnet wire: polyurethane enamelled copper wire
- Adhesive: epoxy resin amicon (G-500)
- Tube: PVC
- Wave soldering is NOT recommended

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XC-600031

Date Revised: 9/30/05

Mouser Electronics

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[43LQ827](#)