



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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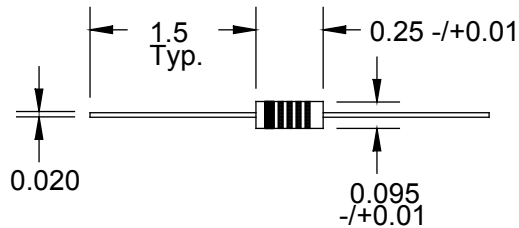
# Molded RF Chokes

## Special Features

- High Q, high reliability
- Miniature size
- Injection molded to protect coil from extreme environment
- Flame retardant coating
- Consistent body dimension
- Color band or numerical marking identification
- Dielectric strength 1000VRMS
- Operating temperature: phenolic -55 to +125°C; iron, ferrite -55° to 105°C

## Notes

\* Current to cause 35°C maximum temperature rise



Dimensions: Inches

9230 Series							
Part Number	L ( $\mu$ H) $\pm 10\%$	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR $\Omega$ Max.	I, DC* (mA)	Core Material
9230-94	0.10	40	25	690	0.07	1100	Phenolic
9230-96	0.12	40	25	650	0.08	1100	Phenolic
9230-00	0.15	38	25	600	0.10	1100	Phenolic
9230-02	0.18	35	25	550	0.12	1010	Phenolic
9230-04	0.22	33	25	10	0.14	935	Phenolic
9230-06	0.27	33	25	430	0.16	875	Phenolic
9230-08	0.33	30	25	410	0.20	780	Phenolic
9230-10	0.39	30	25	380	0.30	640	Phenolic
9230-12	0.47	30	25	340	0.35	590	Phenolic
9230-14	0.56	30	25	300	0.50	495	Phenolic
9230-16	0.68	28	25	275	0.60	450	Phenolic
9230-18	0.82	28	25	250	0.85	380	Phenolic
9230-20	1.0	25	25	230	1.0	350	Phenolic
9230-22	1.2	25	7.9	150	0.18	825	Iron
9230-24	1.5	28	7.9	140	0.22	745	Iron
9230-26	1.8	30	7.9	125	0.30	640	Iron
9230-28	2.2	30	7.9	115	0.40	550	Iron
9230-30	2.7	37	7.9	100	0.50	495	Iron
9230-32	3.3	45	7.9	90	0.85	380	Iron
9230-34	3.9	45	7.9	82	1.0	350	Iron
9230-36	4.7	45	7.9	75	1.2	320	Iron
9230-38	5.6	50	7.9	68	1.8	260	Iron
9230-40	6.8	50	7.9	60	2.0	245	Iron
9230-42	8.2	55	7.9	55	2.7	210	Iron
9230-44	10	55	7.9	50	3.7	180	Iron
9230-46	12	45	2.5	40	2.7	210	Iron
9230-48	15	45	2.5	35	2.8	205	Iron
9230-50	18	50	2.5	32	3.1	195	Iron
9230-52	22	50	2.5	25	3.3	190	Iron
9230-54	27	50	2.5	22	3.5	185	Iron
9230-56	33	45	2.5	24	3.4	187	Ferrite
9230-58	39	45	2.5	22	3.6	180	Ferrite
9230-60	47	45	2.5	20	4.5	165	Ferrite
9230-62	56	45	2.5	18	5.7	145	Ferrite
9230-64	68	50	2.5	15	6.7	135	Ferrite
9230-66	82	50	2.5	14	7.3	130	Ferrite
9230-68	100	50	2.5	13	8.0	125	Ferrite
9230-70	120	30	0.79	12	13	97	Ferrite
9230-72	150	30	0.79	11	15	85	Ferrite
9230-74	180	30	0.79	10	17	79	Ferrite
9230-76	220	30	0.79	9	21	73	Ferrite
9230-78	270	30	0.79	8	25	65	Ferrite
9230-80	330	30	0.79	7	28	62	Ferrite
9230-82	390	30	0.79	6.5	35	55	Ferrite
9230-84	470	30	0.79	6	42	50	Ferrite
9230-86	560	30	0.79	5	46	48	Ferrite
9230-88	680	30	0.79	4.2	60	42	Ferrite
9230-90	820	30	0.79	3.8	65	40	Ferrite
9230-92	1000	30	0.79	3.4	72	38	Ferrite

Also available as RoHS compliant in 10/2005.

**J.W. Miller**  
MAGNETICS

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