



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Shielded, Molded RF Chokes

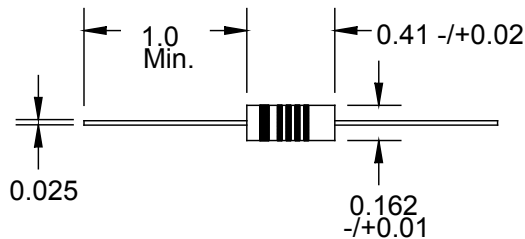
Special Features

- Ferrite magnetic shielded for low radiation
- High Q, high reliability
- 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 -55 to +105°C

Notes

* Rated current to cause 35°C maximum temperature rise

** Incremental current to cause 5% max. inductance drop



Dimensions: Inches

9250 Series							
Part Number	L (μH) ±10%	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	I, Incr.** (mA)
9250-101	0.10	50	25	250	0.025	1790	1790
9250-121	0.12	51	25	250	0.034	1530	1530
9250-151	0.15	51	25	250	0.037	1470	1470
9250-181	0.18	50	25	250	0.047	1300	1300
9250-221	0.22	49	25	250	0.067	1100	1100
9250-271	0.27	47	25	250	0.11	855	855
9250-331	0.33	46	25	250	0.13	780	780
9250-391	0.39	44	25	250	0.18	670	670
9250-471	0.47	44	25	235	0.25	565	565
9250-561	0.56	43	25	210	0.33	490	490
9250-681	0.68	42	25	190	0.45	420	420
9250-821	0.82	40	25	180	0.59	370	370
9250-102	1.0	44	25	140	0.07	1070	1070
9250-122	1.2	44	7.9	130	0.10	895	895
9250-152	1.5	44	7.9	115	0.12	815	815
9250-182	1.8	44	7.9	105	0.14	775	775
9250-222	2.2	44	7.9	100	0.19	650	650
9250-272	2.7	44	7.9	92	0.28	535	535
9250-332	3.3	44	7.9	85	0.35	480	480
9250-392	3.9	44	7.9	75	0.40	450	450
9250-472	4.7	44	7.9	70	0.55	380	380
9250-562	5.6	44	7.9	65	0.72	335	335
9250-682	6.8	50	7.9	55	1.02	280	280
9250-822	8.2	50	7.9	50	1.32	250	250
9250-103	10	50	7.9	46	1.62	220	220
9250-123	12	55	2.5	44	2.0	200	200
9250-153	15	45	2.5	49	0.80	315	250
9250-183	18	45	2.5	45	0.89	300	235
9250-223	22	45	2.5	41	0.96	290	220
9250-273	27	45	2.5	38	1.19	260	200
9250-333	33	45	2.5	34	1.37	240	190
9250-393	39	50	2.5	29	1.93	205	180
9250-473	47	50	2.5	27	2.11	195	175
9250-563	56	50	2.5	25	2.23	190	160
9250-683	68	50	2.5	21	2.70	170	150
9250-823	82	50	2.5	10.5	2.44	180	140
9250-104	100	50	2.5	10.0	3.12	160	120
9250-124	120	55	0.79	9.7	3.6	150	95
9250-154	150	55	0.79	8.5	4.1	140	90
9250-184	180	55	0.79	8.0	4.4	135	85
9250-224	220	55	0.79	7.5	5.0	125	80
9250-274	270	55	0.79	7.0	5.8	115	70
9250-334	330	55	0.79	6.5	6.4	110	65
9250-394	390	60	0.79	6.2	7.4	105	60
9250-474	470	60	0.79	5.7	9.5	92	58
9250-564	560	60	0.79	4.7	10.5	90	55
9250-684	680	60	0.79	4.5	11.8	80	50
9250-824	820	60	0.79	4.2	13.0	80	45

Also available as RoHS compliant.

Continued on next page.

J.W. Miller
MAGNETICS

306 E. Alondra Blvd. Gardena, CA 90247-1059 • Phone (310) 515-1720 • FAX (310) 515-1962

www.jwmiller.com

Shielded, Molded RF Chokes

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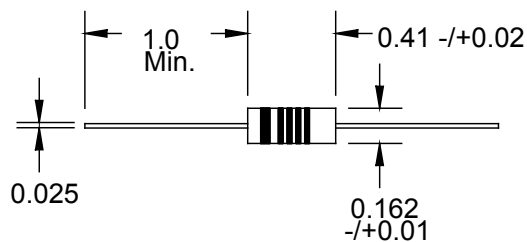
Notes

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9250 Series continued							
Part Number	L (μH) ±10%	Q Min.	Test	SRF	DCR	I, DC* (mA)	I, Incr.** (mA)
			Freq. (MHz)	(MHz) Min.	Ω Max.		
9250-105	1000	60	0.79	3.8	17.5	70	40
9250-125	1200	45	0.25	1.5	22.1	60	35
9250-155	1500	45	0.25	1.2	26.5	55	33
9250-185	1800	45	0.25	1.0	29.9	50	30
9250-225	2200	45	0.25	0.97	33.8	50	27
9250-275	2700	45	0.25	0.92	47.3	40	25
9250-335	3300	45	0.25	0.84	53.0	40	22
9250-395	3900	45	0.25	0.80	73.8	35	20
9250-475	4700	45	0.25	0.74	81.6	31	19
9250-565	5600	44	0.25	0.73	98.9	28	17
9250-685	6800	40	0.25	0.66	111	27	16
9250-825	8200	40	0.25	0.54	119	26	15
9250-106	10,000	40	0.25	0.47	137	24	14
9250-126	12,000	30	0.079	0.33	143	23	13
9250-156	15,000	30	0.079	0.29	157	22	12
9250-186	18,000	30	0.079	0.28	175	21	10
9250-226	22,000	27	0.079	0.25	274	17	9
9250-276	27,000	27	0.079	0.21	308	16	8
9250-336	33,000	27	0.079	0.19	343	15	7.5
9250-396	39,000	27	0.079	0.17	376	15	6
9250-476	47,000	23	0.079	0.16	473	13	5.5
9250-566	56,000	23	0.079	0.14	512	13	5
9250-686	68,000	23	0.079	0.13	580	12	4
9250-826	82,000	21	0.079	0.12	618	11	3.5
9250-107	100,000	18	0.079	0.11	678	11	3

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Dimensions: Inches

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