

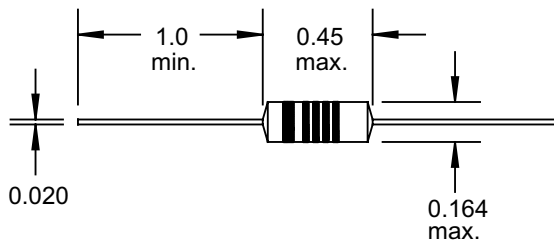
Shielded, RF Chokes

Special Features

- Ferrite magnetic shielded for low radiation
- High Q, high reliability
- Epoxy end-fill to protect coil from extreme environment
- Consistent body diameter
- Dielectric strength 500Vrms
- Operating temperature -55 to +105°C
- Rated current to cause 35°C temperature rise
- Incremental current to cause 5% inductance drop

Typical Applications

- Telecommunications
- Signal processing
- High reliability, low magnetic coupling and densely packed board design



8250 Series							
Part Number	L (uH) ± 10%	Q Min	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC (mA)	I, Incr. (mA)
8250-R10K	0.10	50	25	400	0.026	3000	3000
8250-R12K	0.12	50	25	400	0.029	2860	2860
8250-R15K	0.15	50	25	400	0.034	2600	2600
8250-R18K	0.18	50	25	400	0.044	2300	2300
8250-R22K	0.22	50	25	400	0.056	2050	2050
8250-R27K	0.27	50	25	400	0.09	1625	1625
8250-R33K	0.33	47	25	325	0.122	1400	1400
8250-R39K	0.39	47	25	390	0.161	1220	1220
8250-R47K	0.47	47	25	264	0.218	1060	1060
8250-R56K	0.56	45	25	249	0.29	900	900
8250-R68K	0.68	43	25	221	0.382	790	790
8250-R82K	0.82	41	25	200	0.45	725	725
8250-R10K	1.0	42	25	156	0.054	2080	2080
8250-R12K	1.2	43	7.9	144	0.07	1840	1840
8250-R15K	1.5	41	7.9	128	0.096	1560	1560
8250-R18K	1.8	42	7.9	121	0.107	1480	1480
8250-R22K	2.2	42	7.9	108	0.142	1290	1290
8250-R27K	2.7	41	7.9	96	0.184	1130	1130
8250-R33K	3.3	41	7.9	88	0.26	950	950
8250-R39K	3.9	41	7.9	84	0.354	815	815
8250-4R7K	4.7	42	7.9	72	0.168	710	710
8250-5R6K	5.6	42	7.9	69	0.511	680	680
8250-6R8K	6.8	42	7.9	62	0.75	560	560
8250-8R2K	8.2	46	7.9	58	0.828	535	535
8250-10K	10	46	7.9	53	1.27	532	532
8250-12K	12	50	2.5	47	1.76	368	368
8250-15K	15	50	2.5	41	2.3	325	325
8250-18K	18	50	2.5	43	0.677	596	235
8250-22K	22	50	2.5	38	0.742	565	220
8250-27K	27	50	2.5	36	0.85	526	200
8250-33K	33	50	2.5	33	0.928	505	190
8250-39K	39	50	2.5	29.4	1.28	429	180
8250-47K	47	55	2.5	26.5	1.48	400	175
8250-56K	56	55	2.5	25	1.64	380	160
8250-68K	68	55	2.5	23	2.2	328	150
8250-82K	82	55	2.5	14	1.96	349	140
8250-101K	100	65	2.5	12	2.28	322	120
8250-121K	120	65	0.79	11.2	2.45	311	95
8250-151K	150	65	0.79	10.5	2.79	294	90
8250-181K	180	65	0.79	10	3.08	277	85
8250-221K	220	65	0.79	9.4	3.48	251	80
8250-271K	270	65	0.79	8	4.55	231	70
8250-331K	330	65	0.79	7.3	5.1	215	65
8250-391K	390	65	0.79	6.9	5.62	205	60
8250-471K	470	70	0.79	6.5	6.45	192	58
8250-561K	560	70	0.79	6	8.0	174	55
8250-681K	680	75	0.79	5.6	8.85	163	50
8250-821K	820	70	0.79	4.8	10.4	151	45
8250-102K	1000	65	0.79	4.5	12.1	139	40
8250-122K	1200	70	0.25	2.6	15.1	125	35
8250-152K	1500	70	0.25	2.5	16.8	119	33
8250-182K	1800	70	0.25	2.3	19.1	111	30
8250-222K	2200	70	0.25	2.2	22.0	103	27
8250-272K	2700	70	0.25	2.1	25.1	97	25
8250-332K	3300	70	0.25	2	33.3	85	22
8250-392K	3900	70	0.25	1.8	36.8	80	20
8250-472K	4700	70	0.25	1.7	51.2	68	19
8250-562K	5600	70	0.25	1.6	54.6	66	17
8250-682K	6800	70	0.25	1.5	62.0	62	16
8250-822K	8200	70	0.25	1.4	86.6	52	15
8250-103K	10,000	70	0.25	1.3	93.1	50	14
8250-123K	12,000	50	0.079	0.88	84.0	53	13
8250-153K	15,000	50	0.079	0.78	97.0	49	12
8250-183K	18,000	50	0.079	0.72	104.0	48	10
8250-223K	22,000	50	0.079	0.57	145.0	40	9
8250-273K	27,000	50	0.079	0.46	195.0	34	8
8250-333K	33,000	50	0.079	0.42	222.0	32	7.5
8250-393K	39,000	50	0.079	0.42	242.0	31	6
8250-473K	47,000	50	0.079	0.37	317.0	27	5.5
8250-563K	56,000	50	0.079	0.36	362.0	25	5
8250-683K	68,000	50	0.079	0.35	410.0	24	4
8250-823K	82,000	50	0.079	0.34	440.0	23	3.5
8250-104K	100,000	50	0.079	0.32	484.0	22	3

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