

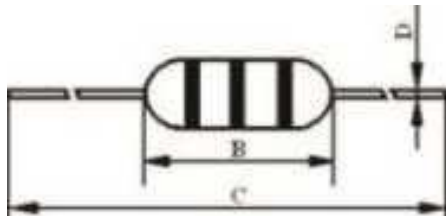
Axial Color Code Inductor

GAL0510 Series

FEATURES

- Sturdy Construction and Low Cost
- Special Metal Core Material, with High Q Value and Self-resonant Frequency
- Epoxy Resin Outer Layer Which has High Reliability
- Operating Range: -45°C~+125°C(Including Self- Temperature Rise)
- RoHS Compliant

PRODUCT DIMENSIONS



Unit:mm

A (MAX)	B (MAX)	C	D±0.5
5.0	11	62±2	0.55

PART NUMBER CONSTRUCTION

GAL0510

-

4R7

K

T

Series

Inductance*

Tolerance①

Packing②

① Tolerance: J = ±5% K = ±10% M = ±20%

② Packing: T = Tape B = Bulk

*Refer to Color Code table and Electrical Specification table

Color	1st Color Circle	2nd Color Circle	3rd Color Circle	4th Color Circle
Black	0	0	1	±20%
Brown	1	1	10	-
Red	2	2	100	-
Orange	3	3	1000	-
Yellow	4	4	-	-
Green	5	5	-	-
Blue	6	6	-	-
Purple	7	7	-	-
Gray	8	8	-	-
White	9	9	-	-
Gold	-	-	0.1	±5%
Silver	-	-	0.01	±10%

***The first and second color circles represent effective numbers;

The third color circle represents a magnification of 10;

The fourth color circle represents the level of tolerance.

 ELECTRICAL SPECIFICATIONS

Part Number	Inductance (μH)	L Test Freq.	DCR(Q)/max	Isat(mA)/max
GAL0510-1R0K	1	100 KHz	0.019	3000
GAL0510-1R2K	1.2	100 KHz	0.021	3000
GAL0510-1R5K	1.5	100 KHz	0.024	3000
GAL0510-1R8K	1.8	100 KHz	0.027	3000
GAL0510-2R2K	2.2	100 KHz	0.03	3000
GAL0510-2R7K	2.7	100 KHz	0.033	3000
GAL0510-3R3K	3.3	100 KHz	0.037	3000
GAL0510-3R9K	3.9	100 KHz	0.041	2800
GAL0510-4R7K	4.7	100 KHz	0.046	2600
GAL0510-5R6K	5.6	100 KHz	0.051	2400
GAL0510-6R8K	6.8	100 KHz	0.057	2100
GAL0510-8R2K	8.2	100 KHz	0.063	1900
GAL0510-100K	10	1KHz	0.071	1800
GAL0510-120K	12	1KHz	0.08	1600
GAL0510-150K	15	1KHz	0.091	1400
GAL0510-180K	18	1KHz	0.1	1300
GAL0510-220K	22	1KHz	0.12	1200
GAL0510-270K	27	1KHz	0.17	1100
GAL0510-330K	33	1KHz	0.19	990
GAL0510-390K	39	1KHz	0.24	910
GAL0510-470K	47	1KHz	0.27	830
GAL0510-560K	56	1KHz	0.34	760
GAL0510-680K	68	1KHz	0.38	690
GAL0510-820K	82	1KHz	0.46	630
GAL0510-101K	100	1KHz	0.6	570
GAL0510-121K	120	1KHz	0.7	520
GAL0510-151K	150	1KHz	0.9	460
GAL0510-181K	180	1KHz	1.1	420
GAL0510-221K	220	1KHz	1.5	380
GAL0510-271K	270	1KHz	1.7	350
GAL0510-331K	330	1KHz	2.5	310
GAL0510-391K	390	1KHz	2.5	290
GAL0510-471K	470	1KHz	3.5	260
GAL0510-561K	560	1KHz	4.5	240
GAL0510-681K	680	1KHz	5	220
GAL0510-821K	820	1KHz	6	200
GAL0510-102K	1000	1KHz	7	180
GAL0510-122K	1200	1KHz	8.5	160
GAL0510-152K	1500	1KHz	10	140
GAL0510-182K	1800	1KHz	13	130
GAL0510-222K	2200	1KHz	15	120
GAL0510-272K	2700	1KHz	21	110
GAL0510-332K	3300	1KHz	25	100
GAL0510-392K	3900	1KHz	35	90
GAL0510-472K	4700	1KHz	37	80
GAL0510-562K	5600	1KHz	40	75
GAL0510-682K	6800	1KHz	60	70
GAL0510-822K	8200	1KHz	65	60
GAL0510-103K	10000	1KHz	75	55