

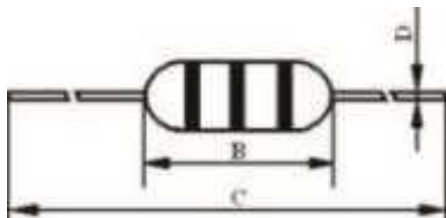
Axial Color Code Inductor

GAL0410 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
4.0	10	62±2	0.55

PART NUMBER CONSTRUCTION

GAL0410

-

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)	Q/Min Q	L, Q Test Freq. (MHz)	SRF(MHz)/min	DCR(Q)/max	Isat(mA)/max
GAL0410-R22M	0.22	100	25.2	300	0.08	980
GAL0410-R27M	0.27	100	25.2	270	0.09	980
GAL0410-R33M	0.33	100	25.2	250	0.1	980
GAL0410-R39M	0.39	100	25.2	230	0.12	980
GAL0410-R47M	0.47	100	25.2	220	0.13	980
GAL0410-R56M	0.56	100	25.2	200	0.14	980
GAL0410-R68M	0.68	100	25.2	190	0.15	980
GAL0410-R82M	0.82	100	25.2	172	0.16	980
GAL0410-1R0K	1	100	25.2	157	0.17	920
GAL0410-1R2K	1.2	80	7.96	144	0.18	880
GAL0410-1R5K	1.5	80	7.96	131	0.2	830
GAL0410-1R8K	1.8	80	7.96	121	0.22	790
GAL0410-2R2K	2.2	80	7.96	110	0.24	750
GAL0410-2R7K	2.7	80	7.96	100	0.25	720
GAL0410-3R3K	3.3	80	7.96	94	0.3	670
GAL0410-3R9K	3.9	80	7.96	86	0.35	640
GAL0410-4R7K	4.7	100	7.96	80	0.4	620
GAL0410-5R6K	5.6	100	7.96	74	0.43	590
GAL0410-6R8K	6.8	100	7.96	68	0.48	550
GAL0410-8R2K	8.2	100	7.96	53	0.52	530
GAL0410-100K	10	100	7.96	45	0.58	500
GAL0410-120K	12	60	2.52	34	0.5	1400
GAL0410-150K	15	60	2.52	20	0.6	1200
GAL0410-180K	18	60	2.52	14	0.7	1100
GAL0410-220K	22	60	2.52	9.9	0.8	1000
GAL0410-270K	27	50	2.52	7.6	0.9	960
GAL0410-330K	33	50	2.52	6.3	1	870
GAL0410-390K	39	50	2.52	6.3	1.1	800
GAL0410-470K	47	45	2.52	6.3	1.2	730
GAL0410-560K	56	40	2.52	6.2	1.3	650
GAL0410-680K	68	40	2.52	5.7	1.5	600
GAL0410-820K	82	35	2.52	5.3	1.6	550
GAL0410-101K	100	30	2.52	4.8	1.8	500
GAL0410-121K	120	60	0.796	3.8	2	450
GAL0410-151K	150	60	0.796	3.5	2.5	400
GAL0410-181K	180	60	0.796	3.3	3	370
GAL0410-221K	220	60	0.796	3	3.5	335
GAL0410-271K	270	60	0.796	2.8	4	300
GAL0410-331K	330	60	0.796	2.6	4.5	275
GAL0410-391K	390	60	0.796	2.4	6.5	250
GAL0410-471K	470	60	0.796	2.3	7	230
GAL0410-561K	560	60	0.796	2.1	7.5	210
GAL0410-681K	680	55	0.796	2	8.5	190
GAL0410-821K	820	55	0.796	1.9	12	175
GAL0410-102K	1000	50	0.796	1.4	14	160
GAL0410-122K	1200	30	0.252	1.2	16	145
GAL0410-152K	1500	30	0.252	1	25	130
GAL0410-182K	1800	30	0.252	0.9	27	120
GAL0410-222K	2200	30	0.252	0.8	30	105
GAL0410-272K	2700	30	0.252	0.7	32	95
GAL0410-332K	3300	30	0.252	0.65	42	85
GAL0410-392K	3900	30	0.252	0.65	45	80
GAL0410-472K	4700	30	0.252	0.6	50	70