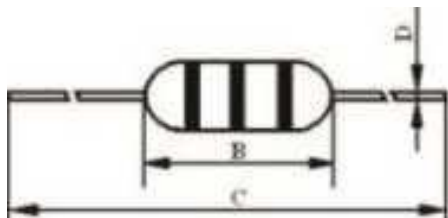


Axial Color Code Inductor

GAL0512 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	12	62±2	0.55

PART NUMBER CONSTRUCTION**GAL0512**

Series

4R7

Inductance*

K

Tolerance①

T

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
GAL0512-1R0K	1	100 KHz	0.021	3000
GAL0512-1R2K	1.2	100 KHz	0.024	3000
GAL0512-1R5K	1.5	100 KHz	0.027	3000
GAL0512-1R8K	1.8	100 KHz	0.029	3000
GAL0512-2R2K	2.2	100 KHz	0.033	3000
GAL0512-2R7K	2.7	100 KHz	0.036	3000
GAL0512-3R3K	3.3	100 KHz	0.041	3000
GAL0512-3R9K	3.9	100 KHz	0.045	3000
GAL0512-4R7K	4.7	100 KHz	0.049	3000
GAL0512-5R6K	5.6	100 KHz	0.054	3000
GAL0512-6R8K	6.8	100 KHz	0.061	3000
GAL0512-8R2K	8.2	100 KHz	0.067	3000
GAL0512-100K	10	1KHz	0.075	2800
GAL0512-120K	12	1KHz	0.084	2500
GAL0512-150K	15	1KHz	0.095	2200
GAL0512-180K	18	1KHz	0.11	2000
GAL0512-220K	22	1KHz	0.12	1800
GAL0512-270K	27	1KHz	0.14	1700
GAL0512-330K	33	1KHz	0.16	1500
GAL0512-390K	39	1KHz	0.19	1400
GAL0512-470K	47	1KHz	0.24	1200
GAL0512-560K	56	1KHz	0.32	1100
GAL0512-680K	68	1KHz	0.35	1000
GAL0512-820K	82	1KHz	0.45	970
GAL0512-101K	100	1KHz	0.5	880
GAL0512-121K	120	1KHz	0.6	800
GAL0512-151K	150	1KHz	0.9	720
GAL0512-181K	180	1KHz	1	650
GAL0512-221K	220	1KHz	1.2	600
GAL0512-271K	270	1KHz	1.5	530
GAL0512-331K	330	1KHz	1.8	480
GAL0512-391K	390	1KHz	2.2	440
GAL0512-471K	470	1KHz	2.8	400
GAL0512-561K	560	1KHz	3	370
GAL0512-681K	680	1KHz	4	330
GAL0512-821K	820	1KHz	6	300
GAL0512-102K	1000	1KHz	7	270
GAL0512-122K	1200	1KHz	8	250
GAL0512-152K	1500	1KHz	10	220
GAL0512-182K	1800	1KHz	12	200
GAL0512-222K	2200	1KHz	15	180
GAL0512-272K	2700	1KHz	18	170
GAL0512-332K	3300	1KHz	25	150
GAL0512-392K	3900	1KHz	28	140
GAL0512-472K	4700	1KHz	30	130
GAL0512-562K	5600	1KHz	45	120
GAL0512-682K	6800	1KHz	50	105
GAL0512-822K	8200	1KHz	75	95
GAL0512-103K	10000	1KHz	80	85
GAL0512-153K	15000	1KHz	100	70
GAL0512-223K	22000	1KHz	180	60
GAL0512-333K	33000	1KHz	230	50