

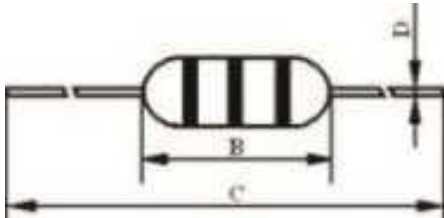
Axial Color Code Inductor

GAL0307 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

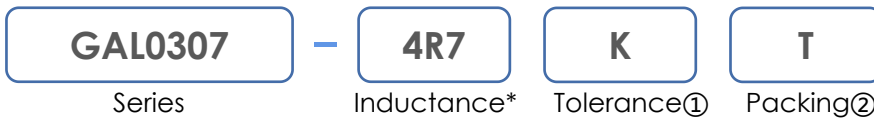
PRODUCT DIMENSIONS



Unit:mm

A (MAX)	B (MAX)	C	D±0.5
3.0	7	62±2	0.48

PART NUMBER CONSTRUCTION



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
GAL0307-R22M	0.22	100	25.2	200	0.075	740
GAL0307-R27M	0.27	100	25.2	200	0.08	740
GAL0307-R33M	0.33	100	25.2	200	0.08	740
GAL0307-R39M	0.39	100	25.2	200	0.09	740
GAL0307-R47M	0.47	100	25.2	200	0.1	740
GAL0307-R56M	0.56	100	25.2	200	0.11	740
GAL0307-R68M	0.68	100	25.2	200	0.12	740
GAL0307-R82M	0.82	100	25.2	200	0.13	710
GAL0307-1R0K	1	100	25.2	180	0.15	740
GAL0307-1R2K	1.2	80	7.96	165	0.18	740
GAL0307-1R5K	1.5	80	7.96	150	0.2	700
GAL0307-1R8K	1.8	80	7.96	125	0.23	655
GAL0307-2R2K	2.2	80	7.96	110	0.27	630
GAL0307-2R7K	2.7	80	7.96	95	0.35	595
GAL0307-3R3K	3.3	80	7.96	70	0.38	575
GAL0307-3R9K	3.9	80	7.96	65	0.42	555
GAL0307-4R7K	4.7	100	7.96	50	0.83	530
GAL0307-5R6K	5.6	100	7.96	40	0.9	500
GAL0307-6R8K	6.8	100	7.96	30	1	470
GAL0307-8R2K	8.2	80	7.96	28	1.1	425
GAL0307-100K	10	80	7.96	22	1.2	370
GAL0307-120K	12	50	2.52	20	0.8	900
GAL0307-150K	15	50	2.52	16	0.9	800
GAL0307-180K	18	50	2.52	15	1	740
GAL0307-220K	22	50	2.52	13	1.2	660
GAL0307-270K	27	50	2.52	11	1.3	600
GAL0307-330K	33	50	2.52	10	1.5	540
GAL0307-390K	39	50	2.52	9.5	1.7	500
GAL0307-470K	47	50	2.52	8.5	2.3	455
GAL0307-560K	56	50	2.52	7.5	2.6	420
GAL0307-680K	68	50	2.52	6.5	2.9	380
GAL0307-820K	82	50	2.52	6	3.2	345
GAL0307-101K	100	50	2.52	5.5	4	310
GAL0307-121K	120	50	0.796	5.4	4.5	285
GAL0307-151K	150	50	0.796	4.8	5	255
GAL0307-181K	180	50	0.796	4.4	5.5	230
GAL0307-221K	220	50	0.796	4	6	210
GAL0307-271K	270	50	0.796	3.7	7	190
GAL0307-331K	330	50	0.796	3.4	7.5	170
GAL0307-391K	390	50	0.796	2.8	11.5	160
GAL0307-471K	470	50	0.796	2.6	13	145
GAL0307-561K	560	50	0.796	2.4	14	130
GAL0307-681K	680	50	0.796	2	16	120
GAL0307-821K	820	50	0.796	1.5	25	110
GAL0307-102K	1000	50	0.796	1.2	28	100
GAL0307-122K	1200	45	0.252	0.9	30	90
GAL0307-152K	1500	45	0.252	0.8	35	80