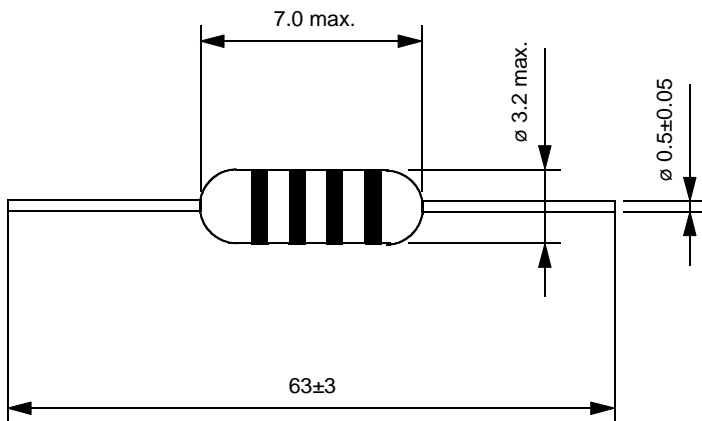


Coated Axial Lead Inductors

CAL0307 series

Special Features

- High Q & self-resonant frequency
- Low DC resistance
- Operating temperature -55 to +105 °C including self temperature rise 20 °C
- Dielectric withstand voltage 500Vrms
- Epoxy coated to protect winding from harsh environments
- Color bands identification
- Low cost
- High rated DC current



Dimension : mm

* Idc1: Current to cause 10% of inductance drop

* Idc2: Current to cause 20°C maximum temperature rise

CAL0307 Series

Part Number	L (uH) ±20%	Test Freq.	DCR (Ω) Max.	Rated Current		S.R.F. (MHz) min.	Q min.
				Idc1 (A)	Idc2 (A)		
CAL0307-R10M	0.10	25.2MHz	0.07	2.72	1.18	220	60
CAL0307-R12M	0.12	25.2MHz	0.08	2.69	1.02	200	60
CAL0307-R15M	0.15	25.2MHz	0.085	2.64	0.91	185	50
CAL0307-R18M	0.18	25.2MHz	0.09	2.62	0.78	180	50
±10%							
CAL0307-R22K	0.22	25.2MHz	0.103	2.6	0.75	170	50
CAL0307-R27K	0.27	25.2MHz	0.11	2.58	0.7	165	50
CAL0307-R33K	0.33	25.2MHz	0.12	2.55	0.68	160	50
CAL0307-R39K	0.39	25.2MHz	0.13	2.52	0.65	155	50
CAL0307-R47K	0.47	25.2MHz	0.14	2.33	0.64	150	50
CAL0307-R56K	0.56	25.2MHz	0.15	2.24	0.63	150	50
CAL0307-R68K	0.68	25.2MHz	0.17	2.21	0.62	150	50
CAL0307-R82K	0.82	25.2MHz	0.19	2.0	0.61	150	50
CAL0307-1R0K	1.0	25.2MHz	0.22	1.82	0.59	150	50
CAL0307-1R2K	1.2	7.96MHz	0.23	1.81	0.57	145	50
CAL0307-1R5K	1.5	7.96MHz	0.25	1.75	0.565	140	50
CAL0307-1R8K	1.8	7.96MHz	0.27	1.39	0.555	138	50
CAL0307-2R2K	2.2	7.96MHz	0.3	1.15	0.515	110	50
CAL0307-2R7K	2.7	7.96MHz	0.33	1.12	0.505	100	50
±5%							
CAL0307-3R3J	3.3	7.96MHz	0.5	1.06	0.365	100	50
CAL0307-3R9J	3.9	7.96MHz	0.59	1.01	0.35	90	50
CAL0307-4R7J	4.7	7.96MHz	1.12	0.91	0.26	84	60
CAL0307-5R6J	5.6	7.96MHz	1.16	0.84	0.235	65	60
CAL0307-6R8J	6.8	7.96MHz	1.29	0.74	0.23	60	60
CAL0307-8R2J	8.2	7.96MHz	1.39	0.73	0.215	58	60
CAL0307-10J	10	7.96MHz	1.56	0.67	0.21	28.7	60
CAL0307-120J	12	2.52MHz	1.64	0.6	0.2	18.9	50
CAL0307-150J	15	2.52MHz	1.85	0.56	0.19	16.8	50
CAL0307-180J	18	2.52MHz	1.94	0.52	0.185	12.8	50
CAL0307-220J	22	2.52MHz	2.24	0.48	0.16	10.4	50
CAL0307-270J	27	2.52MHz	2.39	0.41	0.155	10.2	50
CAL0307-330J	33	2.52MHz	2.71	0.38	0.15	8.4	50
CAL0307-390J	39	2.52MHz	3.0	0.36	0.145	7.4	50
CAL0307-470J	47	2.52MHz	3.3	0.33	0.135	6.9	50
CAL0307-560J	56	2.52MHz	3.85	0.32	0.135	6.6	50
CAL0307-680J	68	2.52MHz	4.07	0.27	0.125	6.1	50
CAL0307-820J	82	2.52MHz	4.62	0.24	0.125	5.4	45
CAL0307-101J	100	2.52MHz	4.98	0.24	0.11	5.0	45
CAL0307-121J	120	796KHz	5.45	0.23	0.11	4.3	45
CAL0307-151J	150	796KHz	5.83	0.22	0.1	4.3	45
CAL0307-181J	180	796KHz	8.46	0.2	0.095	3.4	45
CAL0307-221J	220	796KHz	9.23	0.18	0.09	3.3	45
CAL0307-271J	270	796KHz	11.7	0.15	0.085	2.9	45
CAL0307-331J	330	796KHz	13.2	0.14	0.075	2.7	45
CAL0307-391J	390	796KHz	19.9	0.13	0.06	2.3	45
CAL0307-471J	470	796KHz	21.4	0.12	0.055	2.2	45
CAL0307-561J	560	796KHz	22.8	0.11	0.055	2.1	45
CAL0307-681J	680	796KHz	25.2	0.1	0.05	1.9	45
CAL0307-821J	820	796KHz	28.4	0.09	0.045	1.7	45
CAL0307-102J	1000	796KHz	31.3	0.08	0.045	1.5	45