

ANL TYPE

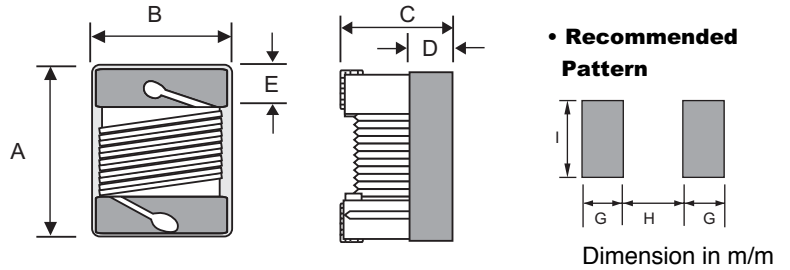
SMD POWER INDUCTOR



FEATURE

- Utilizing a miniaturized winding structure.
- These products provide high Q characteristics.
- Resin-coated surface enables excellent mounting.
- Low DC resistance design is ideal for low loss.
- Precision inductance tolerance is available

SHAPES & DIMENSION



APPLICATION

- Personal computers, Hard disk drives
- ADSL modem and Cable modem
- Digital camera and other electronic equipment

TYPE	A	B	C	D	E	H	I	G
ANL201212	2.4	1.6	1.4	0.51	0.44±0.1	1.0	1.8	0.9
ANL252018	2.9	2.5	2.1	1.2	0.55±0.1	1.3	2.54	1.0
ANL322522	3.6	2.8	2.6	0.8	0.55±0.1	2.0	2.80	1.0

ELECTRICAL CHARACTERISTICS

Our Product Part Number	Inductance (uH) / MHz	Inductance Tolerance	Q/MHz Min.	SRF (MHz) Min.	RDC(Ω) Max.	IDC(mA) Max.
ANL201212C-R47□-T	0.47/7.96	K,M	10/7.96	720	0.20	750
ANL201212C-R56□-T	0.56/7.96	K,M	10/7.96	665	0.21	730
ANL201212C-R68□-T	0.68/7.96	K,M	10/7.96	565	0.28	670
ANL201212C-R82□-T	0.82/7.96	K,M	10/7.96	545	0.31	650
ANL201212C-1R0□-T	1.0/7.96	K,M	10/7.96	525	0.34	615
ANL201212C-1R2□-T	1.2/7.96	K,M	10/7.96	473	0.39	550
ANL201212C-1R5□-T	1.5/7.96	K,M	10/7.96	300	0.45	520
ANL201212C-1R8□-T	1.8/7.96	K,M	10/7.96	230	0.48	500
ANL201212C-2R2□-T	2.2/7.96	K,M	10/7.96	215	0.67	420
ANL201212C-2R7□-T	2.7/7.96	K,M	10/7.96	140	0.74	410
ANL201212C-3R3□-T	3.3/7.96	K,M	10/7.96	95	0.81	385
ANL201212C-3R9□-T	3.9/7.96	K,M	10/7.96	57	0.88	372
ANL201212C-4R7□-T	4.7/7.96	K,M	10/7.96	51	0.99	345
ANL201212C-5R6□-T	5.6/7.96	K,M	10/7.96	44	1.06	335
ANL201212C-6R8□-T	6.8/7.96	K,M	10/7.96	39	1.21	315
ANL201212C-8R2□-T	8.2/7.96	K,M	10/7.96	33	1.33	295
ANL201212C-100□-T	10/2.52	K,M	10/2.52	30	1.79	260
ANL201212C-120□-T	12/2.52	K,M	10/2.52	27	1.98	250
ANL201212C-150□-T	15/2.52	K,M	10/2.52	22	2.68	215
ANL201212C-180□-T	18/2.52	K,M	10/2.52	20	3.12	195
ANL201212C-220□-T	22/2.52	K,M	10/2.52	18	3.48	180
ANL201212C-270□-T	27/2.52	K,M	10/2.52	16	3.84	170
ANL201212C-330□-T	33/2.52	K,M	10/2.52	15	4.34	145

1. Inductance, Q and SRF are measured in HP-E4991A impedance analyzer with HP-16197A fixture.
2. Tolerance : K=10% , M=20% (Table shows stock tolerances in □).
3. RDC is measured in Chroma 16502 mill ohm meter. (or equivalent)
4. Irms For 15°C rise form 25°C ambient.



ANL TYPE

SMD POWER INDUCTOR

ELECTRICAL CHARACTERISTICS

Our Product Part Number	Inductance (uH) / MHz	Inductance Tolerance	Q/MHz Min.	SRF (MHz) Min.	RDC(Ω) Max.	IDC(mA) Max.
ANL252018C-1R0□-T	1.0/7.96	M	12/7.96	345	0.13	1000
ANL252018C-1R5□-T	1.5/7.96	M	12/7.96	100	0.17	850
ANL252018C-2R2□-T	2.2/7.96	M	12/7.96	78	0.21	775
ANL252018C-3R3□-T	3.3/7.96	K,M	12/7.96	48	0.26	715
ANL252018C-4R7□-T	4.7/7.96	K,M	12/7.96	46	0.52	505
ANL252018C-6R8□-T	6.8/7.96	K,M	12/7.96	33	0.72	432
ANL252018C-8R2□-T	8.2/2.52	K,M	12/2.52	30	0.76	410
ANL252018C-100□-T	10/2.52	K,M	12/2.52	28	0.86	392
ANL252018C-150□-T	15/2.52	K,M	12/2.52	21	1.09	342
ANL252018C-220□-T	22/2.52	K,M	12/2.52	18	1.96	260
ANL252018C-330□-T	33/2.52	K,M	12/2.52	15	2.47	236

1. Inductance, Q and SRF are measured in HP-E4991A impedance analyzer with HP-16197A fixture.
2. Tolerance : K=10%, M=20% (Table shows stock tolerances in □).
3. RDC is measured in Chroma 16502 mill ohm meter.(or equivalent)
4. Irms For 20°C rise from 25°C ambient.

ELECTRICAL CHARACTERISTICS

Our Product Part Number	Inductance (uH) / MHz	Inductance Tolerance	Q/MHz Min.	SRF (MHz) Min.	RDC(Ω) Max.	IDC(mA) Max.
ANL322522C-1R0□-T	1.0/7.96	K,M	10/7.96	290	0.12	1200
ANL322522C-1R5□-T	1.5/7.96	K,M	10/7.96	260	0.13	1000
ANL322522C-2R2□-T	2.2/7.96	K,M	10/7.96	190	0.17	880
ANL322522C-3R3□-T	3.3/7.96	K,M	10/7.96	64	0.22	775
ANL322522C-4R7□-T	4.7/7.96	K,M	10/7.96	54	0.26	710
ANL322522C-6R8□-T	6.8/7.96	K,M	10/7.96	34	0.30	660
ANL322522C-100□-T	10/2.52	K,M	10/2.52	25	0.39	570
ANL322522C-150□-T	15/2.52	K,M	10/2.52	17	0.66	440
ANL322522C-220□-T	22/2.52	K,M	10/2.52	16	0.82	400
ANL322522C-330□-T	33/2.52	K,M	10/2.52	12	1.50	285
ANL322522C-390□-T	39/2.52	K,M	10/2.52	12	1.66	270
ANL322522C-470□-T	47/2.52	K,M	10/2.52	10	1.90	260
ANL322522C-680□-T	68/2.52	K,M	10/2.52	9	2.29	235
ANL322522C-101□-T	100/1	K,M	10/1	7	3.48	190
ANL322522C-151□-T	150/1	K,M	10/1	5	6.55	140
ANL322522C-221□-T	220/1	K,M	10/1	4	8.23	115
ANL322522C-331□-T	330/1	K,M	10/1	2.8	13.7	98
ANL322522C-471□-T	470/1	K,M	10/1	2.6	18.1	86
ANL322522C-681□-T	680/1	K,M	10/1	2.3	22.0	76

1. Inductance, Q and SRF are measured in HP-4284A & HP-E4991A impedance analyzer with HP-16197A fixture.
2. Tolerance : K=10%, M=20% (Table shows stock tolerances in □).
3. RDC is measured in Chroma 16502 mill ohm meter.(or equivalent)
4. Irms For 15°C rise from 25°C ambient.