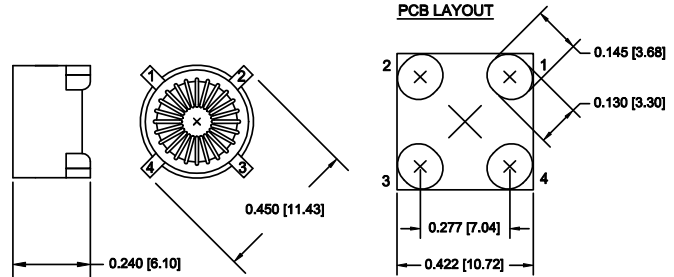
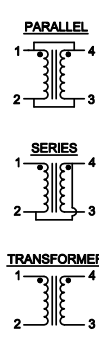


Surface Mount Toroids

- 518 series utilizes an iron powder core; ideal for frequency applications up to 100 kHz.
- 618 series utilizes a Kool Mu® core; minimizing core losses and temperature rise at higher frequencies of 100-250 kHz.
- Tape and reel packaging.
- Listed are standard designs. Custom designs are available in this package.



518 Series Toroids With Iron Powder Cores and 02 Case Size

MODEL NUMBER	PARALLEL				SERIES				CIRCUIT DIAGRAM
	OPEN CIRCUIT INDUCTANCE +/-20% μ H	MINIMUM FULL LOAD INDUCTANCE μ H	FULL LOAD CURRENT A dc	MAXIMUM DC RESISTANCE Ohms	OPEN CIRCUIT INDUCTANCE +/-20% μ H	MINIMUM FULL LOAD INDUCTANCE μ H	FULL LOAD CURRENT A dc	MAXIMUM DC RESISTANCE Ohms	
518-R47M-02	0.57	0.73	5.90	0.006	2.26	1.70	2.95	0.024	
518-R68M-02	0.83	0.63	5.40	0.008	3.34	2.52	2.70	0.030	
518-1R0M-02	1.13	0.85	5.00	0.009	4.52	3.40	2.50	0.035	
518-2R0M-02	2.30	1.60	3.90	0.013	9.18	6.38	1.95	0.055	
518-5R0M-02	5.18	3.75	2.50	0.030	20.72	14.80	1.25	0.126	
518-8R0M-02	8.30	5.70	2.30	0.040	33.20	22.60	1.15	0.160	
518-100M-02	10.14	6.90	2.10	0.460	40.55	27.50	1.05	0.181	
518-150M-02	15.50	10.80	1.60	0.082	62.00	43.20	0.80	0.330	
518-200M-02	20.70	13.45	1.50	0.095	82.60	53.60	0.75	0.380	
518-250M-02	25.05	16.70	1.40	0.108	100.20	66.70	0.70	0.434	
518-330M-02	33.21	21.50	1.30	0.125	132.80	85.80	0.65	0.500	
518-500M-02	50.81	36.40	0.82	0.305	203.25	145.50	0.41	1.220	
518-680M-02	67.07	46.70	0.76	0.362	268.28	186.70	0.38	1.448	
518-101M-02	100.18	70.00	0.62	0.540	400.72	280.00	0.31	2.160	
518-151M-02	150.90	101.80	0.56	0.666	603.60	407.00	0.28	2.660	
518-201M-02	203.20	139.00	0.46	0.950	812.80	555.50	0.23	3.800	
518-301M-02	304.17	199.70	0.42	1.175	1216.65	798.50	0.21	4.702	

618 Series Toroids With Kool Mu® Cores and 02 Case Size

MODEL NUMBER	PARALLEL				SERIES				CIRCUIT DIAGRAM
	OPEN CIRCUIT INDUCTANCE +/-20% μ H	MINIMUM FULL LOAD INDUCTANCE μ H	FULL LOAD CURRENT A dc	MAXIMUM DC RESISTANCE Ohms	OPEN CIRCUIT INDUCTANCE +/-20% μ H	MINIMUM FULL LOAD INDUCTANCE μ H	FULL LOAD CURRENT A dc	MAXIMUM DC RESISTANCE Ohms	
618-R47M-02	0.45	0.30	6.50	0.005	1.80	1.18	3.25	0.019	SAME AS ABOVE
618-R68M-02	0.80	0.52	5.50	0.006	3.20	2.07	2.75	0.024	
618-1R0M-02	1.25	0.80	4.60	0.008	5.00	3.10	2.30	0.030	
618-2R0M-02	2.45	1.30	4.50	0.010	9.80	5.20	2.25	0.038	
618-5R0M-02	5.00	2.80	3.00	0.021	20.00	11.20	1.50	0.084	
618-8R0M-02	8.45	4.40	2.60	0.027	33.80	17.60	1.30	0.107	
618-100M-02	9.80	4.90	2.50	0.030	39.20	19.60	1.25	0.120	
618-150M-02	14.45	8.10	1.70	0.058	57.80	32.40	0.85	0.238	
618-200M-02	20.00	11.94	1.30	0.106	80.00	47.80	0.65	0.424	
618-250M-02	24.20	15.65	1.00	0.116	96.80	62.60	0.50	0.464	
618-330M-02	31.25	14.84	1.40	0.107	125.00	59.36	0.70	0.428	
618-500M-02	51.20	28.80	0.92	0.212	204.80	115.20	0.46	0.848	
618-680M-02	68.45	39.00	0.78	0.302	273.80	156.00	0.39	1.208	
618-101M-02	101.25	58.40	0.63	0.460	405.00	233.60	0.32	1.840	
618-151M-02	151.25	95.90	0.43	0.560	605.00	383.60	0.22	2.240	
618-201M-02	198.45	122.85	0.39	0.795	793.80	491.40	0.20	3.180	
618-301M-02	304.20	170.90	0.38	1.225	1216.8	683.60	0.19	4.900	

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