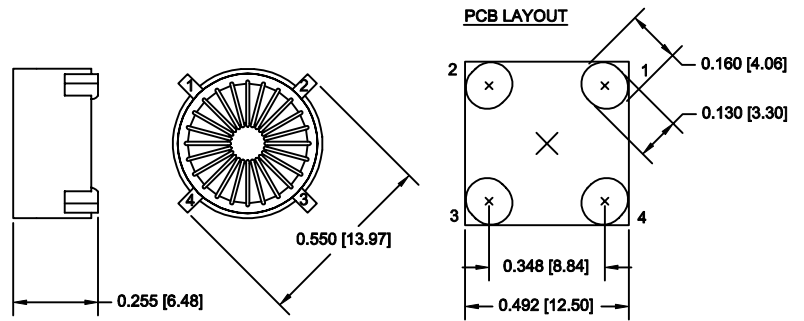


- 518 series utilizes an iron powder core; ideal for frequency applications up to 100 kHz.
- 618 series utilizes a Kool Mu<sup>®</sup> core; minimizing core losses and temperature rise at higher frequencies of 100-250 kHz.
- Tape and reel packaging.
- Listed are standard designs. Custom designs are available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



### 518 Series Toroids With Iron Powder Cores and 04 Case Size

MODEL NUMBER	PARALLEL				SERIES				CIRCUIT DIAGRAM
	OPEN CIRCUIT INDUCTANCE +/-20% $\mu$ H	MINIMUM FULL LOAD INDUCTANCE $\mu$ H	FULL LOAD CURRENT A dc	MAXIMUM DC RESISTANCE Ohms	OPEN CIRCUIT INDUCTANCE +/-20% $\mu$ H	MINIMUM FULL LOAD INDUCTANCE $\mu$ H	FULL LOAD CURRENT A dc	MAXIMUM DC RESISTANCE Ohms	
518-R47M-04	0.49	0.38	7.90	0.005	1.96	1.50	3.95	0.019	
518-R68M-04	0.76	0.56	7.20	0.006	3.04	2.24	3.60	0.024	
518-1R0M-04	1.09	0.82	5.90	0.009	4.36	3.26	3.00	0.035	
518-2R0M-04	1.95	1.42	4.60	0.015	7.80	5.68	2.30	0.056	
518-5R0M-04	5.15	3.55	3.30	0.028	20.60	14.20	1.65	0.110	
518-8R0M-04	7.81	5.15	3.00	0.032	31.22	20.60	1.50	0.128	
518-100M-04	9.88	6.68	2.50	0.045	39.52	26.72	1.25	0.180	
518-150M-04	14.76	9.50	2.30	0.055	59.04	38.00	1.15	0.225	
518-200M-04	20.62	13.45	1.90	0.085	82.48	53.80	0.95	0.338	
518-250M-04	26.65	17.18	1.60	0.115	102.60	68.72	0.80	0.460	
518-330M-04	33.21	22.92	1.30	0.165	132.84	91.68	0.65	0.660	
518-500M-04	48.80	32.20	1.20	0.200	195.20	128.80	0.60	0.802	
518-680M-04	67.37	43.05	1.10	0.235	269.48	172.18	0.55	0.950	
518-101M-04	99.09	69.55	0.72	0.567	396.36	278.20	0.36	2.261	
518-151M-04	149.45	101.46	0.64	0.695	597.80	405.80	0.32	2.785	
518-201M-04	200.11	131.36	0.60	0.810	800.45	525.45	0.30	3.240	
518-301M-04	298.93	188.05	0.54	1.005	1195.70	752.15	0.27	4.020	

### 618 Series Toroids With Kool Mu<sup>®</sup> Cores and 04 Case Size

MODEL NUMBER	PARALLEL				SERIES				CIRCUIT DIAGRAM
	OPEN CIRCUIT INDUCTANCE +/-20% $\mu$ H	MINIMUM FULL LOAD INDUCTANCE $\mu$ H	FULL LOAD CURRENT A dc	MAXIMUM DC RESISTANCE Ohms	OPEN CIRCUIT INDUCTANCE +/-20% $\mu$ H	MINIMUM FULL LOAD INDUCTANCE $\mu$ H	FULL LOAD CURRENT A dc	MAXIMUM DC RESISTANCE Ohms	
618-R47M-04	0.46	0.33	7.00	0.003	1.84	1.32	3.50	0.012	SAME AS ABOVE
618-R68M-04	0.83	0.58	6.00	0.004	3.32	2.32	3.00	0.018	
618-1R0M-04	1.30	0.89	5.00	0.005	5.20	3.56	2.50	0.020	
618-2R0M-04	1.87	1.13	5.90	0.006	7.48	4.52	2.92	0.025	
618-5R0M-04	5.20	2.70	4.40	0.013	20.80	10.80	2.20	0.052	
618-8R0M-04	7.48	3.89	3.50	0.017	29.92	15.56	1.75	0.070	
618-100M-04	10.19	5.11	3.40	0.020	40.76	20.40	1.70	0.080	
618-150M-04	15.02	7.00	3.00	0.024	60.08	28.00	1.50	0.096	
618-200M-04	20.80	11.00	2.10	0.055	83.20	44.00	1.05	0.220	
618-250M-04	25.16	13.00	2.00	0.064	100.64	52.00	1.00	0.254	
618-330M-04	32.50	16.51	1.80	0.070	130.00	66.04	0.90	0.272	
618-500M-04	49.97	25.00	1.50	0.110	199.88	100.00	0.75	0.440	
618-680M-04	67.30	35.40	1.20	0.156	269.20	141.60	0.60	0.624	
618-101M-04	100.60	55.31	0.92	0.294	402.40	221.24	0.46	1.173	
618-151M-04	148.80	77.40	0.82	0.373	595.20	309.60	0.41	1.492	
618-201M-04	199.80	110.58	0.64	0.550	799.20	442.30	0.32	2.175	
618-301M-04	300.30	149.00	0.62	0.672	1201.20	596.00	0.31	2.688	

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