

RF Chokes

Special Features

- High Q, high self-resonant frequency
- High voltage application on phenolic components
- Single layer or 3-pi universal wound
- Low cost
- Varnish coated
- Operating temperature:
phenolic -55 to +125°C
iron & ferrite -55 to +105°C

Notes

- * Current to cause 35°C maximum temperature rise

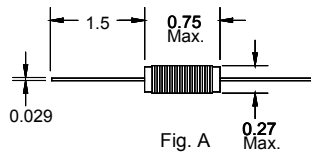


Fig. A

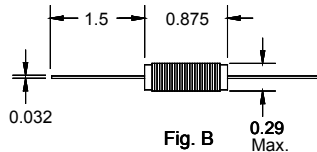


Fig. B

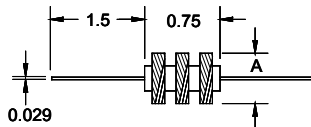


Fig. C

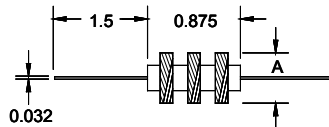


Fig. D

Dimensions: Inches

4600 Series									
Part Number	L (μH) ±20%	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Coil Diam. Max.	Core Matl.	Fig.
4602	1.0	60	7.96	190	0.05	2000	0.27	Phenolic	A
	±10%								
4604	1.5	58	7.96	149	0.093	1800	0.27	Phenolic	A
4606	2.4	56	7.96	120	0.19	1500	0.27	Phenolic	A
4608	3.9	60	7.96	93	0.45	1000	0.27	Phenolic	A
4609	5.5	57	7.96	80	0.67	850	0.27	Phenolic	A
4610	6.2	57	7.96	76	0.83	700	0.27	Phenolic	A
4611	8.2	57	7.96	65	1.2	600	0.27	Phenolic	A
4612	10	36	2.52	61	1.5	500	0.27	Phenolic	A
	±5%								
4622	10	69	2.52	40	0.11	1500	0.29	Iron	B
4624	15	62	2.52	33	0.17	1000	0.29	Iron	B
4626	24	65	2.52	25	0.34	800	0.29	Iron	B
4628	39	70	2.52	20	0.65	600	0.29	Iron	B
4629	55	72	2.52	17	1.0	500	0.29	Iron	B
4630	62	83	2.52	16	1.2	475	0.29	Iron	B
4631	82	85	2.52	13	1.9	450	0.29	Iron	B
4632	100	107	0.79	12	3.0	400	0.29	Iron	B
4642	100	49	0.79	11	5.4	160	0.41	Phenolic	C
4644	150	53	0.79	8.8	6.5	160	0.41	Phenolic	C
4646	240	56	0.79	7.2	8.5	160	0.44	Phenolic	C
4648	390	57	0.79	5.6	11.0	160	0.50	Phenolic	C
4649	550	58	0.79	4.8	13.0	160	0.50	Phenolic	C
4650	620	59	0.79	4.5	15.0	160	0.53	Phenolic	C
4651	750	56	0.79	4.0	16.0	160	0.53	Phenolic	C
4652	1000	59	0.252	3.7	19.0	160	0.56	Phenolic	C
	L Test @1KHz	Q Test Freq.							
4662	1000	83	0.252	2.6	8.6	160	0.47	Iron	D
4664	1500	82	0.252	2.1	11.0	160	0.47	Iron	D
4666	2400	80	0.252	1.7	15.0	160	0.53	Iron	D
4668	3900	73	0.252	1.4	20.0	160	0.56	Iron	D
4669	5500	69	0.252	1.1	25.0	160	0.59	Iron	D
4670	6200	89	0.252	1.0	37.0	100	0.53	Iron	D
4671	8200	83	0.252	0.94	46.0	100	0.56	Iron	D
4672	10,000	68	0.0796	0.82	50.0	100	0.59	Iron	D

Also available as RoHS compliant.

J.W. Miller
M A G N E T I C S

306 E. Alondra Blvd. Gardena, CA 90247-1059 • Phone (310) 515-1720 • FAX (310) 515-1962

www.jwmiller.com