

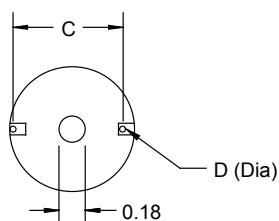
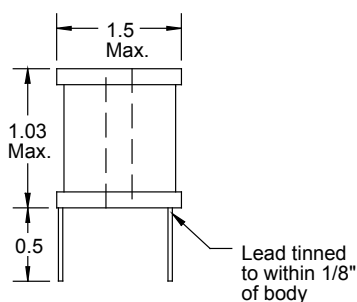
High Current RF Chokes

Special Features

- Very high current capacity
- Low DCR
- Epoxy coated ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Self-leaded
- Fixed lead spacing
- Center hole for mechanical mounting
- Dielectric withstanding voltage:
2500VRMS terminal to shrink tube cover;
1000VRMS terminal to core
- Operating temperature -55 to +105°C

Notes

- * Rated current to cause 50°C max. temperature rise and 5% max. inductance drop



Dimensions: Inches

1140 Series					
Part Number	L (μH) ±20% @ 1KHz	DCR Ω Max.	I, dc* (A)	Dim. C Approx.	Dim. D Nom.
1140-1R8M	1.8	0.002	27	1.11	0.081
1140-2R2M	2.2	0.002	27	1.11	0.081
1140-2R7M	2.7	0.003	27	1.11	0.081
1140-3R3M	3.3	0.003	27	1.11	0.081
1140-3R9M	3.9	0.003	27	1.11	0.081
1140-4R7M	4.7	0.003	27	1.11	0.081
1140-5R6M	5.6	0.004	27	1.11	0.081
1140-6R8M	6.8	0.004	27	1.15	0.081
1140-8R2M	8.2	0.004	27	1.15	0.081
± 10%					
1140-100K	10	0.005	27	1.15	0.081
1140-120K	12	0.005	27	1.15	0.081
1140-150K	15	0.006	27	1.15	0.081
1140-180K	18	0.008	27	1.15	0.081
1140-220K	22	0.009	21	1.15	0.081
1140-270K	27	0.010	21	1.15	0.081
1140-330K	33	0.011	21	1.15	0.072
1140-390K	39	0.012	21	1.15	0.072
1140-470K	47	0.018	14.4	1.15	0.072
1140-560K	56	0.019	14.4	1.15	0.064
1140-680K	68	0.021	14.4	1.15	0.064
1140-820K	82	0.023	14.4	1.15	0.064
1140-101K	100	0.025	14.4	1.15	0.064
1140-121K	120	0.028	14.4	1.15	0.057
1140-151K	150	0.040	11.4	1.15	0.057
1140-181K	180	0.045	11.4	1.15	0.057
1140-221K	220	0.050	11.4	1.15	0.051
1140-271K	270	0.056	11.4	1.15	0.051
1140-331K	330	0.074	11.4	1.15	0.051
1140-391K	390	0.082	9	1.15	0.045
1140-471K	470	0.114	7.2	1.15	0.045
1140-561K	560	0.125	7.2	1.15	0.040
1140-681K	680	0.139	7.2	1.15	0.040
1140-821K	820	0.154	7.2	1.15	0.040
1140-102K	1000	0.216	5.5	1.15	0.040
1140-122K	1200	0.232	5.5	1.14	0.036
1140-152K	1500	0.324	4.5	1.14	0.036
1140-182K	1800	0.360	4.5	1.14	0.036
1140-222K	2200	0.494	4	1.10	0.032
1140-272K	2700	0.555	4	1.12	0.032
1140-332K	3300	0.773	2.8	1.10	0.029
1140-392K	3900	0.845	2.8	1.10	0.029
1140-472K	4700	1.14	2	1.12	0.029
1140-562K	5600	1.60	2	1.09	0.025
1140-682K	6800	1.76	1.6	1.12	0.025
1140-822K	8200	1.95	1.6	1.09	0.023
1140-103K	10,000	2.76	1.3	1.11	0.023
1140-123K	12,000	3.04	1.3	1.08	0.020
1140-153K	15,000	3.39	1.3	1.10	0.020

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