

High Current Chokes

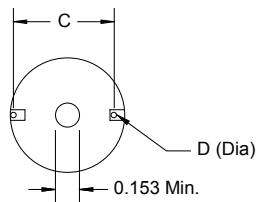
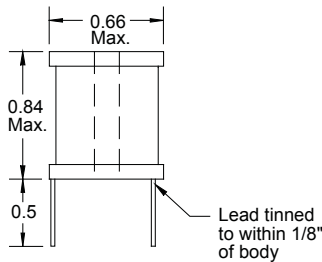
Special Features

- 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:
2500 Vrms terminal to shrink tube cover;
1000 Vrms terminal to core
- Operating temperature -55 to +105 °C
- Magnetic Wire: Polyester, 155 °C rated

Notes

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

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.



Note: Major diameter of #6 screw = 0.138 "

Dimensions: Inches

Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf

1110 Series					
Part Number	L (μH) ±20 % @ 1 KHz	DCR Ω Max.	I, dc* (A)	Dim. C Approx.	Dim. D Nom.
1110-1R0M-RC	1.0	0.003	9	0.55	0.049
1110-1R2M-RC	1.2	0.003	9	0.55	0.049
1110-1R5M-RC	1.5	0.004	9	0.55	0.049
1110-1R8M-RC	1.8	0.004	9	0.55	0.049
1110-2R2M-RC	2.2	0.005	9	0.55	0.049
1110-2R7M-RC	2.7	0.005	9	0.55	0.049
1110-3R3M-RC	3.3	0.005	9	0.55	0.049
1110-3R9M-RC	3.9	0.006	9	0.55	0.049
1110-4R7M-RC	4.7	0.007	9	0.55	0.049
1110-5R6M-RC	5.6	0.007	9	0.55	0.049
1110-6R8M-RC	6.8	0.008	9	0.55	0.049
1110-8R2M-RC	8.2	0.009	9	0.55	0.049
± 10 %					
1110-100K-RC	10	0.010	9	0.55	0.049
1110-120K-RC	12	0.011	9	0.55	0.049
1110-150K-RC	15	0.015	7.2	0.53	0.043
1110-180K-RC	18	0.016	7.2	0.53	0.043
1110-220K-RC	22	0.020	5.5	0.53	0.043
1110-270K-RC	27	0.030	4.5	0.53	0.039
1110-330K-RC	33	0.040	4	0.53	0.037
1110-390K-RC	39	0.046	4	0.53	0.035
1110-470K-RC	47	0.062	2.8	0.53	0.032
1110-560K-RC	56	0.069	2.8	0.53	0.032
1110-680K-RC	68	0.077	2.8	0.50	0.032
1110-820K-RC	82	0.083	2.8	0.50	0.032
1110-101K-RC	100	0.095	2.8	0.50	0.030
1110-121K-RC	120	0.127	2	0.50	0.029
1110-151K-RC	150	0.181	1.6	0.50	0.029
1110-181K-RC	180	0.217	1.6	0.50	0.025
1110-221K-RC	220	0.240	1.6	0.50	0.025
1110-271K-RC	270	0.300	1.6	0.47	0.020
1110-331K-RC	330	0.336	1.3	0.47	0.020
1110-391K-RC	390	0.460	1	0.47	0.020
1110-471K-RC	470	0.636	0.8	0.47	0.020
1110-561K-RC	560	0.696	0.8	0.47	0.020

"-RC" suffix indicates RoHS compliance.

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