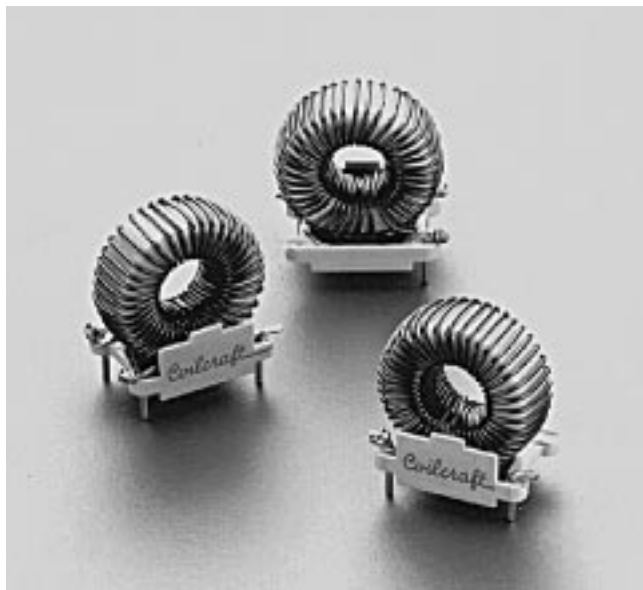


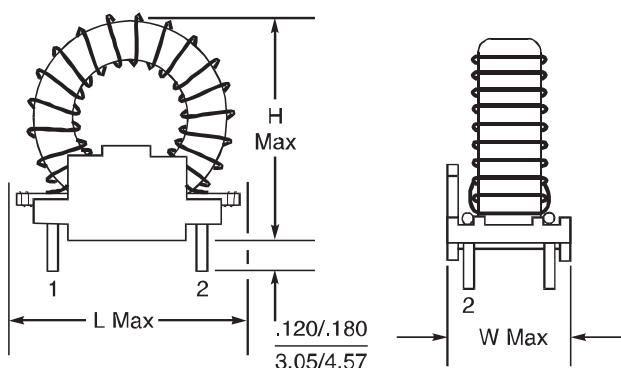
Output Power Chokes – Toroid Styles



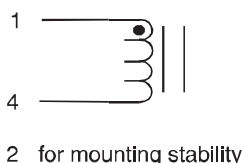
These power inductors are designed primarily for use as output chokes in switching power supplies. They feature small size and low cost. The toroid core design offers the most inductance in the smallest part size, while minimizing external magnetic fields.

These parts are suited for any application requiring a high DC current bias. The inductance values listed are for parts when tested at low (10 gauss) levels of AC excitation. The parts are very well suited for use at higher levels of AC excitation and will exhibit higher inductance.

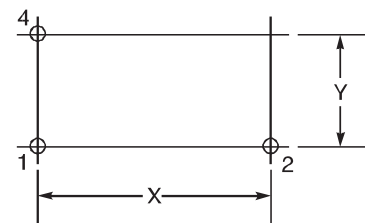
- All insulating materials 130°C or higher.
- Industry standard footprint.
- UL 1446 approved Insulation System available.
- All plastic material UL94V-0.



Schematic



Footprint



DMT1 Series

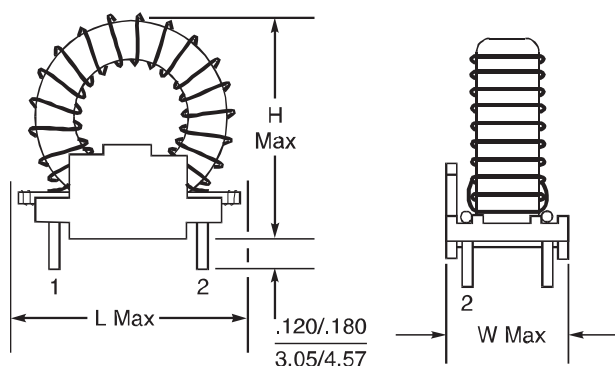
Part Number	Inductance Min (μH)	Current Rating (Amps)	R _{DC} Max (Ohms)	H Max	L Max	W Max	X ±.01/0,25	Y ±.01/0,25	Lead Diameter Nom
DMT1-180-1.5	180	1.5	.29	1.10/27,9	1.3/33,0	.7/17,8	.80/20,3	.40/10,2	.054/1,37
DMT1-84-2.4	84	2.4	.14	1.10/27,9	1.3/33,0	.7/17,8	.80/20,3	.40/10,2	.054/1,37
DMT1-43-3.8	43	3.8	.07	1.10/27,9	1.3/33,0	.7/17,8	.80/20,3	.40/10,2	.054/1,37
DMT1-26-5.1	26	5.1	.04	1.10/27,9	1.3/33,0	.7/17,8	.80/20,3	.40/10,2	.054/1,37
DMT1-16-6.7	16	6.7	.02	1.10/27,9	1.3/33,0	.7/17,8	.80/20,3	.40/10,2	.054/1,37
DMT1-7-10	7	10.0	.01	1.10/27,9	1.3/33,0	.7/17,8	.80/20,3	.40/10,2	.054/1,37

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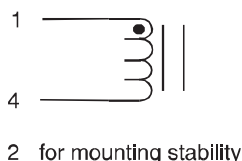
Specifications subject to change without notice. Document 139-1 Revised 11/14/97

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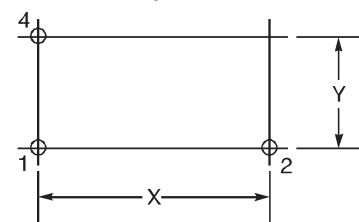
Output Power Chokes—Toroid Styles



Schematic



Footprint



DMT2 Series

Part Number	Inductance Min (μH)	Current Rating (Amps)	R _{DC} Max (Ohms)	H Max	L Max	W Max	X ±.01/0,25	Y ±.01/0,25	Lead Diameter Nom
DMT2-567-1.5	567	1.5	.56	1.4/35,6	1.4/35,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-273-2.4	273	2.4	.26	1.4/35,6	1.4/35,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-149-3.8	149	3.8	.13	1.4/35,6	1.4/35,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-79-6	79	6.0	.07	1.4/35,6	1.4/35,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-47-8.2	47	8.2	.04	1.4/35,6	1.4/35,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-26-11	26	11.0	.02	1.4/35,6	1.4/35,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-796-1.5	796	1.5	.79	1.6/40,6	1.6/40,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-380-2.4	380	2.4	.38	1.6/40,6	1.6/40,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-200-3.8	200	3.8	.19	1.6/40,6	1.6/40,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-134-4.8	134	4.8	.10	1.6/40,6	1.6/40,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-80-6.3	80	6.3	.05	1.75/44,5	1.7/43,2	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-49-8	49	8.0	.03	1.6/40,6	1.6/40,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37
DMT2-20-12	20	12.0	.02	1.7/43,2	1.6/40,6	.9/22,9	.90/22,8	.60/15,2	.054/1,37

DMT3 Series

Part Number	Inductance Min (μH)	Current Rating (Amps)	R _{DC} Max (Ohms)	H Max	L Max	W Max	X ±.01/0,25	Y ±.01/0,25	Lead Diameter Nom
DMT3-1439-1.5	1439	1.5	1.18	1.9/48,3	1.9/48,3	.95/24,1	1.2/30,5	.7/17,8	.054/1,37
DMT3-695-2.4	695	2.4	.55	1.9/48,3	1.9/48,3	.95/24,1	1.2/30,5	.7/17,8	.054/1,37
DMT3-402-3.7	402	3.7	.28	1.9/48,3	1.9/48,3	.95/24,1	1.2/30,5	.7/17,8	.054/1,37
DMT3-257-4.9	257	4.9	.15	1.9/48,3	1.9/48,3	.95/24,1	1.2/30,5	.7/17,8	.054/1,37
DMT3-138-6	138	6.0	.07	1.9/48,3	1.9/48,3	.95/24,1	1.2/30,5	.7/17,8	.054/1,37
DMT3-77-8	77	8.0	.04	1.9/48,3	1.9/48,3	.95/24,1	1.2/30,5	.7/17,8	.054/1,37
DMT3-35-12	35	12.0	.02	2.0/50,8	2.0/50,8	.95/24,1	1.2/30,5	.7/17,8	.054/1,37

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