High Current Inductors

Toroid Style / Semi-Potted
Single Layered Design

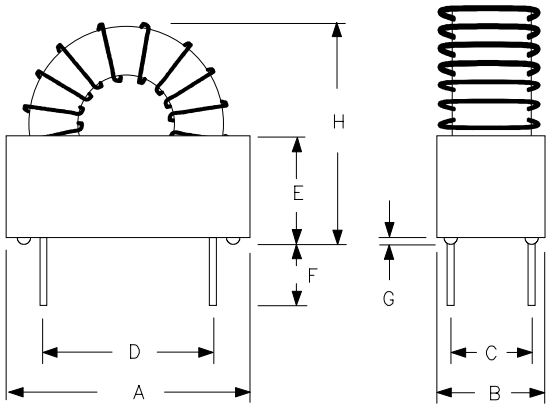
Semi-Potted design for ease of handling.

Good Inductance stability over temperature range of -55^0 to $+70^0$ C

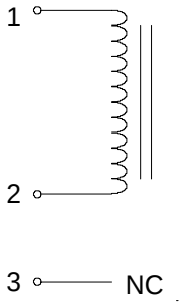
NEW!

Electrical Specifications at 25°C

Part Number	L Min. (µH)	I_{DC} Max. (A)	ET-OP (V-µS) 20KHz	ET-OP (V-µS) 40KHz	L (No DC) ±20% (µH)	Test Level (mV)	Energy Storage (mJ Min)	DCR Max. (mΩ)	Size Code	Lead Size (AWG)
L-20451	17	17.0	190	130	40.0	140	2460	6.5	3	12
L-20452	32	16.0	290	200	70.7	270	4100	9.2	4	12
L-20453	60	16.0	390	270	120.0	470	7700	12.0	5	12
L-20454	14	10.0	135	95	28.5	73	700	9.0	1	15
L-20455	23	11.0	170	120	43.5	130	1400	12.0	2	15
L-20456	43	10.0	280	195	85.5	210	2150	18.0	3	15
L-20457	90	10.0	430	300	158.0	420	4500	28.0	4	15
L-20458	144	10.0	570	400	262.0	700	7200	32.0	5	15
L-20459	32	6.6	200	140	60.5	110	700	25.0	1	18
L-20460	52	7.0	230	160	92.0	190	1275	32.0	2	18
L-20461	98	6.0	400	280	188.0	310	1765	48.0	3	18
L-20462	175	6.0	620	425	315.0	560	3150	68.0	4	18
L-20463	335	6.0	840	580	571.0	1000	6030	95.0	5	18
L-20464	400	3.6	600	420	688.0	640	2700	130.0	3	19



Schematic Diagram



Bottom View



Size Code	Nominal Dimensions in Inches A	B	C	D	E	F	G	H
1	1.20	0.60	0.40	0.80	0.45	0.20	.015	1.20
2	1.44	0.80	0.60	0.90	0.70	0.20	.030	1.44
3	1.60	0.80	0.60	0.90	0.70	0.20	.030	1.72
4	1.95	0.91	0.70	1.20	0.90	0.20	.030	2.00
5	2.30	1.11	0.90	1.50	1.00	0.20	.030	2.30

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