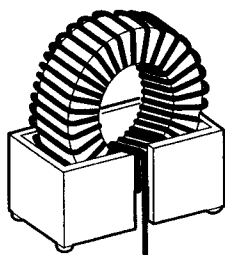


SWITCHMODE/HIGH FREQUENCY

TOROIDAL INDUCTORS



MagnTek
For Advanced
Switchmode Designs

DESCRIPTION: TRIAD toroidal inductors from MagnTek are specifically designed to minimize transients. These devices store energy, and therefore, condition the output signal by leveling out the current waveform providing a more stable current supply. Generally used in high frequency circuits, our standardized design provides an economical solution for use in differential mode applications or as an output inductor.

Toroidal Inductors

A	FIT44-1	18.85	12.72	2.8	44.8	0.625	0.350	0.700	0.250	0.350	0.020	.008
		14.75	9.82	3.4	30.7						0.022	
B	FIT50-1	47.40	29.00	2.8	78.9	0.700	0.475	0.750	0.300	0.474	0.020	.012
		35.48	23.77	3.4	57.8						0.022	
C	FIT68-1	89.50	57.99	2.8	108.0	0.875	0.475	0.950	0.300	0.474	0.020	.026
		71.10	41.59	3.4	86.1						0.023	
D	FIT80-1	128.00	74.04	4.0	95.2	0.975	0.625	1.100	0.450	0.624	0.026	.045
		107.50	58.05	4.8	67.9						0.029	
E	FIT106-1	253.00	153.00	4.0	139.0	1.300	0.725	1.400	0.500	0.724	0.026	.090
		197.00	113.00	4.8	106.0						0.029	

A FIT-KIT is available which includes one of each of the above listed components.

TECHNICAL NOTES:

1. Nominal inductance values are typically 10% higher than minimum rating.
2. Biased inductance measured at rated DC amps.
3. Operation at rated current yields approximately 40°C rise over 20°C ambient.

Figure A

