CHECK STOCK

RoHS

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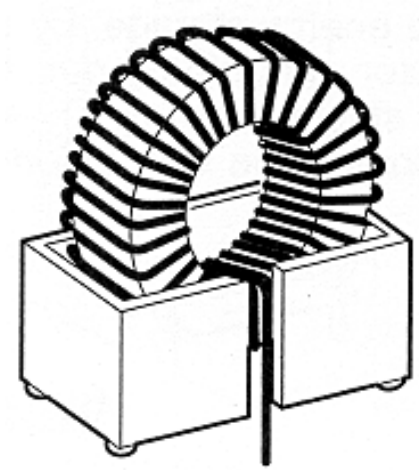
SWITCHMODE/HIGH FREQUENCY - TOROIDAL INDUCTORS



Description:
TRIAD toroidal inductors from Triad Magnetics 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 mod applications or as an output inductor.

TOROIDAL INDUCTORS

Type No.	Min. Inductance (µh)		Rated DC Amps	Max. DCR (mOhm)	Dimensions						Wt. Lbs.
	No Bias	At Bias			A	B	C	D	E	F	
FIT44-1	18.85	12.72	2.8	44.8	0.625	0.350	0.700	0.250	0.350	0.020	.008

FIT44-2	14.75	9.82	3.4	30.7	0.625	0.350	0.700	0.250	0.350	0.022	.008
FIT44-3	12.30	7.75	4.0	23.4	0.625	0.350	0.700	0.250	0.350	0.025	.008
FIT44-4	8.06	5.22	4.8	15.9	0.625	0.350	0.700	0.250	0.350	0.028	.008
FIT50-1	47.4	29.00	2.8	78.9	0.700	0.475	0.750	0.300	0.474	0.020	.012
FIT50-2	35.48	23.77	3.4	57.8	0.700	0.475	0.750	0.300	0.474	0.022	.012
FIT50-3	27.16	16.13	4.0	40.1	0.700	0.475	0.750	0.300	0.474	0.025	.012
FIT50-4	21.65	12.27	4.8	29.2	0.700	0.475	0.750	0.300	0.474	0.028	.012
FIT50-5	16.76	9.50	5.7	20.0	0.700	0.475	0.750	0.300	0.474	0.032	.012
FIT50-6	12.50	6.75	6.8	14.0	0.700	0.475	0.750	0.300	0.474	0.036	.012
FIT50-7	8.86	4.80	8.1	11.0	0.700	0.475	0.750	0.300	0.474	0.040	.012
FIT68-1	89.50	57.99	2.8	108.0	0.875	0.475	0.950	0.300	0.474	0.020	.026
FIT68-2	71.10	41.59	3.4	86.1	0.875	0.475	0.950	0.300	0.474	0.023	.026
FIT68-3	54.81	33.05	4.0	59.9	0.875	0.475	0.950	0.300	0.474	0.026	.026
FIT68-4	43.30	26.63	4.8	42.4	0.875	0.475	0.950	0.300	0.474	0.028	.026
FIT68-5	33.15	18.79	5.7	28.8	0.875	0.475	0.950	0.300	0.474	0.032	.026
FIT68-6	24.31	13.56	6.8	20.2	0.875	0.475	0.950	0.300	0.474	0.036	.026
FIT68-7	18.64	10.23	8.1	14.8	0.875	0.475	0.950	0.300	0.474	0.040	.026
FIT80-1	128.00	74.04	4.0	95.2	0.975	0.625	1.100	0.450	0.624	0.026	.045
FIT80-2	107.50	58.05	4.8	67.9	0.975	0.625	1.100	0.450	0.624	0.029	.045
FIT80-3	80.75	42.00	5.7	44.8	0.975	0.625	1.100	0.450	0.624	0.032	.045
FIT80-4	65.04	31.60	6.8	32.8	0.975	0.625	1.100	0.450	0.624	0.036	.045

FIT80-5	47.70	22.79	8.1	22.5	0.975	0.625	1.100	0.450	0.624	0.040	.045
FIT80-6	38.07	18.11	9.7	17.0	0.975	0.625	1.100	0.450	0.624	0.045	.045
FIT106-1	253.00	153.00	4.0	139.0	1.300	0.725	1.400	0.500	0.724	0.026	0.90
FIT106-2	197.00	113.00	4.8	106.0	1.300	0.725	1.400	0.500	0.724	0.029	0.90
FIT106-3	154.00	84.00	5.7	74.0	1.300	0.725	1.400	0.500	0.724	0.032	0.90
FIT106-4	116.00	61.90	6.8	48.5	1.300	0.725	1.400	0.500	0.724	0.036	0.90
FIT106-5	93.00	48.00	8.1	39.1	1.300	0.725	1.400	0.500	0.724	0.040	0.90
FIT106-6	70.05	35.30	9.7	24.0	1.300	0.725	1.400	0.500	0.724	0.045	0.90

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.**

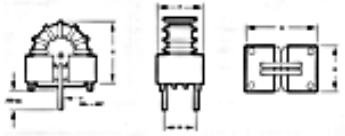


Figure A

TRIAD MAGNETICS