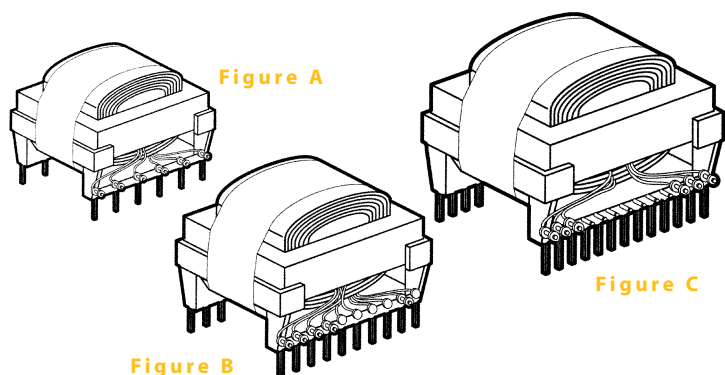


Switchmode/High Frequency

Output Filter Inductors



:: Description

Triad output filter inductors are used in output circuit applications to provide a more constant current source by storing energy. These inductors have exceptional performance characteristics across the entire specification range with their primary function being energy storage. As opposed to other output filter inductor designs offering only a single winding, these devices offer design flexibility so that several outputs can be fed through different windings on the same core.

Operating Frequency: 10KHz - 250 KHz

:: High Current DC Filter Inductors

Section	Type No.	Figure	Inductance @ No DC	DC Amps	DC Resistance mOhms	Inductance @ DC Bias	Wt. Lbs.
A	FIE137-1	A	17.9 μ H	35.0	2.00	9.0 μ H	.20
	FIE137-2		29.7 μ H	25.0	4.00	15.5 μ H	
B	FIE168-1	B	19.2 μ H	70.0	1.00	10.2 μ H	.54
	FIE168-2		31.2 μ H	50.0	2.00	16.0 μ H	
C	FIE220-1	C	11.7 μ H	120.0	1.00	5.0 μ H	1.03
	FIE220-2		46.8 μ H	60.0	3.00	21.3 μ H	

:: Outline Dimensions

Technical Notes

- DC resistance $\pm 15\%$.
- Inductance $\pm 10\%$.

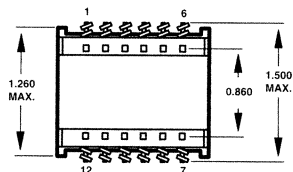


Figure A

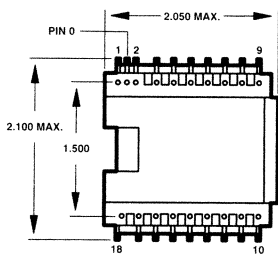
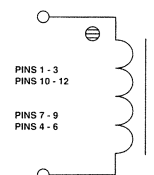
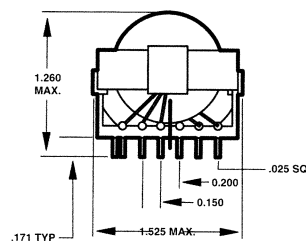


Figure B

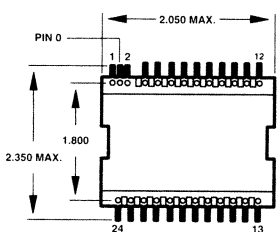
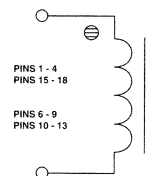
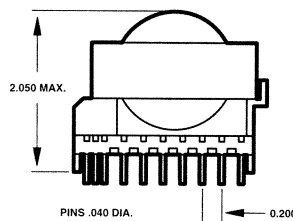


Figure C

