

## F I E 2 2 0 - 1

### Description:

The 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.

### Electrical Specifications at 25° C:

Inductance No DC ( $\mu$ H)	Max. DC Current (A)	DC Resistance (m $\Omega$ )	Inductance @ DC Bias ( $\mu$ H)
46.8	60	3.00	21.3

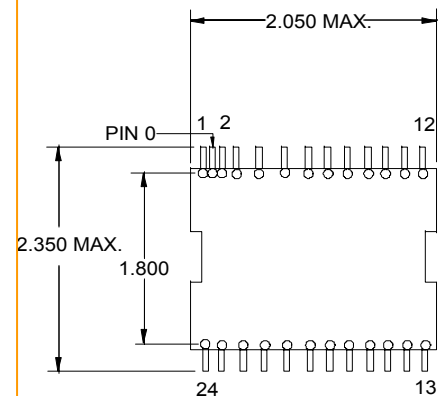
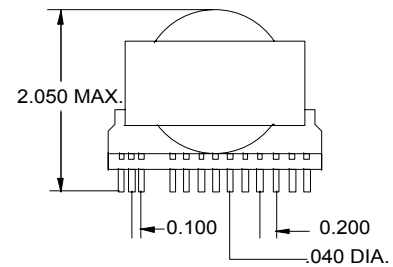
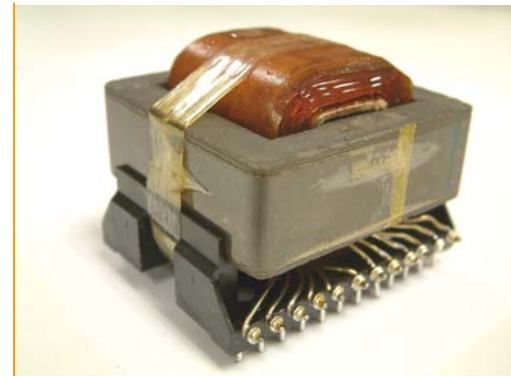
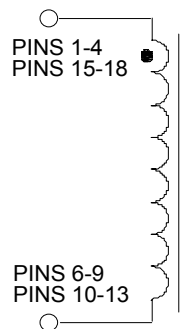
**Operating Frequency: 10 KHz – 250 KHz**

**DC resistance:  $\pm$ 15%**

**Inductance:  $\pm$ 10%**

**Weight: 1.03 lbs.**

### Electrical Schematic:



**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.

\*Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics website for the most current version.