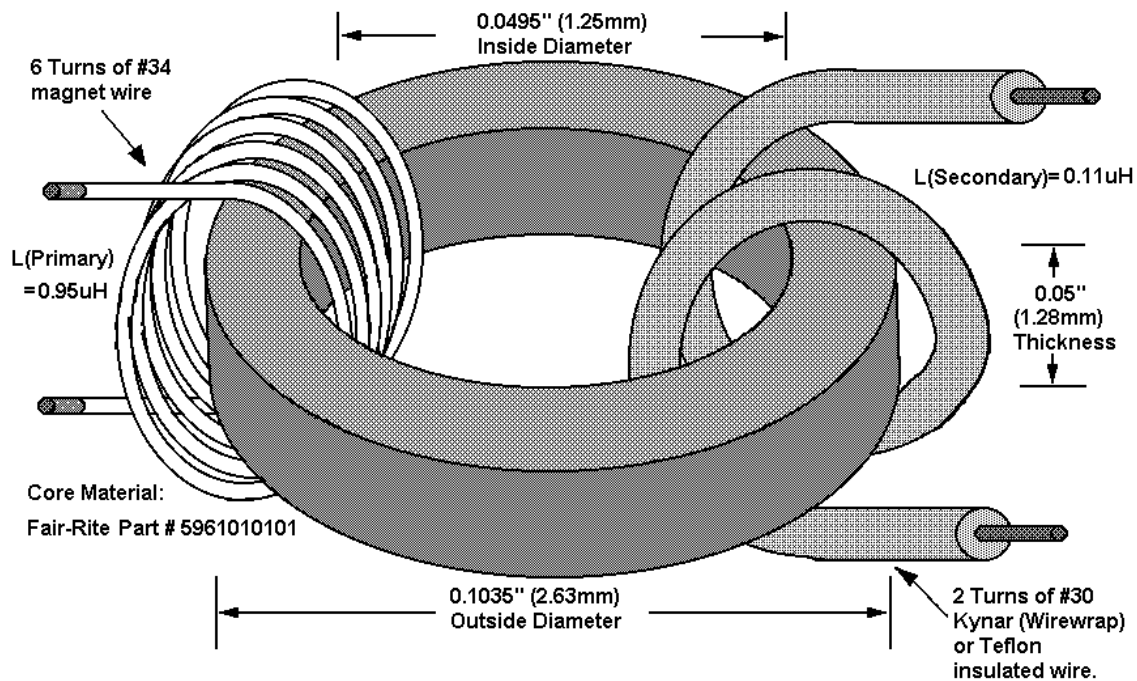


Communication Transformer Construction for the IXBD4410 and IXBD4411 Using the Fair-Rite Toroids

A communications transformer for the IXBD4410 and IXBD4411 was constructed and tested using two different Fair-Rite¹ ferrite toroids, part numbers 5961010101 and 2661000010. The toroids are physically small so that two transformers can fit in either an SO-8 or an 8-Pin Dip package outline.

For ease of construction with only readily available hand tools, the two transformers were constructed into an 8-Pin Dip header assembly. A total of 12 dual transformers were constructed, six using the Fair-Rite Part #5961010101 toroid and the six using #2661000101 toroids. Hi-Pot testing winding-to-winding was performed on all of the transformers at 3500V with no failures.

Sam Ochi



IXBD4410 and IXBD4411 Communications Pulse Transformer

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