Features
Applies to high Q below 40 MHz, for utilization of band transformer range within 200-400 MHz

Resonant Circuit (---) and Broadband Frequency Range (+++)

Temperature Rise : $\Delta T(\degree C) = \frac{Total\ Power\ Dissipation\ (milliwatts)}{Surface\ Area\ (cm^2)}$ $^{0.833}$

Required turns = $\left(\frac{desired\ L(nH)}{A_n nH/N^2}\right)^{1/2}$

Peak AC Flux Density: $B_{pk} = \frac{E_{rms} 10^{10}}{4ANf}$

Magnetizing Force: $H = \frac{0.4nI}{f}$

For additional detail, specifications and charts see:
http://www.bytemark.com/products/IPCores_index.html

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