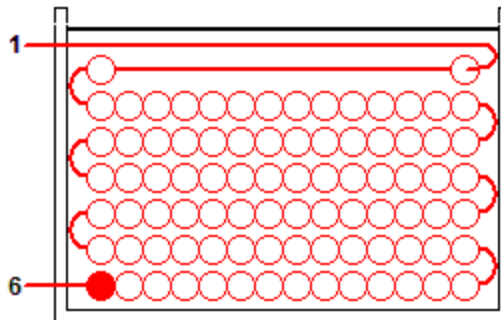
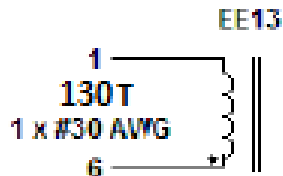


# Boost Inductor



Parameter	Condition	Spec
Nominal Primary Inductance, $\mu\text{H}$	Measured at 1 V pk-pk, typical switching frequency, between pin 1 to pin 6.	830
Tolerance, $\pm\%$	Tolerance of Primary Inductance	10

Item	Description
[1]	Core: EE13, PC95, gapped for ALG of $47 \text{ nH/T}^2$
[2]	Bobbin: Generic, 5 pri. + 5 sec.
[3]	Barrier Tape: Polyester film [1 mil (25 $\mu\text{m}$ ) base thickness], 7.6 mm wide
[4]	Varnish
[5]	Magnet Wire: 30 AWG, Solderable Double Coated