



The Right Way To Wind Toroids

In many printed-circuit board applications, a toroid transformer can be used as an RF choke. A small number of wire turns (usually specified in a parts list) is wound on a doughnut-shaped, ferrite core. Often neglected is the final position of the leads. Many times, after com-

pleting a circuit, a toroid may not work. This is often due to having an angle of lead separation different from 30° (above, left). Usually, this mistake results in a capacitance effect which degrades the toroid's performance. Simply readjust the separation angle to 30°.