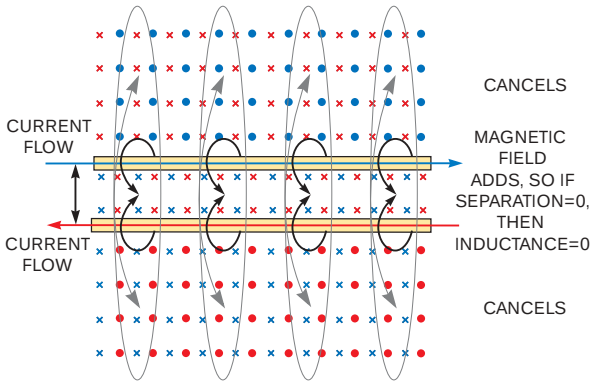

Figure C If the inside loop area is small, then the total magnetic flux and, therefore, the inductance will also be small.