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ABSTRACT

In order to provide an inductance part having excellent DC superposition characteristic and core-loss property, a magnetically biasing magnet, which is disposed in a magnetic gap of a magnetic core, is a bond magnet comprising magnetic powder and plastic resin with the content of the resin being 20% or more on the base of volumetric ratio and which has a specific resistance of $0.1\Omega\cdot\text{cm}$ or more. The magnetic powder used is rare-earth magnetic powder having an intrinsic coercive force of 5kOe or more, Curie point of 300°C or more, and an average particle size of $2.0\text{-}50\mu\text{m}$. A magnetically biasing magnet used in an inductance part that is treated by the reflow soldering method has a resin content of 30% or more and the magnetic powder used therein is Sm-Co magnetic powder having an intrinsic coercive force of 10kOe or more, Curie point of 500°C or more, and an average particle size of $2.5\text{-}50\mu\text{m}$. A thin magnet having a thickness of $500\mu\text{m}$ or less can be realized for a small-sized inductance part.