

Abstract

There is provided a spherical silver powder which is capable of being sintered at a lower
5 temperature. The spherical silver powder of spherical silver particles has cavities, each of which is formed in a corresponding one of the spherical silver particles and each of which has a major axis of 100 to 1000 nm and a minor axis of
10 10 nm or more, the ratio of the major axis to the minor axis (major axis / minor axis) being 5 or more, the major axis being the length of the long side of a rectangle which has a minimum area and which circumscribes the outline of a cross-section
15 of a corresponding one of the cavities on an image of the cross-section of the corresponding one of the silver particles exposed by polishing the surface of a resin after the silver powder is embedded in the resin, and the minor axis being
20 the length of the narrow side of the rectangle.