

**CERAMIC MEMBER, PROBE HOLDER, AND MANUFACTURING METHOD OF
CERAMIC MEMBER**

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ABSTRACT

There is provided a ceramic member which is a sintered body containing enstatite and boron nitride as constituents, in which boron nitride is oriented in a single direction, a
10 probe holder formed using the ceramic member, and a manufacturing method of the ceramic member. In the ceramic member, an index of orientation degree is not less than 0.8. In so doing, it is possible to provide a ceramic member which has a free machining property, a coefficient of
15 thermal expansion which is close to that of silicon, and high strength, and a probe holder which is formed using the ceramic member, and a manufacturing method of the ceramic member.

20 FIG. 1