

ABSTRACT

ELECTRONIC COMPONENT HAVING A RESONATOR ELEMENT
ARRANGED IN AN HERMETICALLY CLOSED HOUSING AND METHOD
FOR MANUFACTURING SUCH AN ELECTRONIC COMPONENT

The electronic component (1) includes at least one resonator element (5) arranged in a housing (8) of a case. The case includes a main part (2) with a base (20) and at least one lateral wall (3) of annular shape, and a cover (4) fixed onto the main part to hermetically seal the housing of the case. One portion of the cover is
5 transparent to a determined wavelength of a light beam to allow the resonator element to be optically adjusted once the case is sealed. The cover is fixed onto a rim (7) of the lateral wall (3) of the main part, which is preferably made of a ceramic material, such that one part of the rim preferably surrounds the entire lateral surface of the cover (4) to ensure protection of the electronic component against lateral shocks.

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(Figure 2)