

GOLD WIRE FOR SEMICONDUCTOR ELEMENT CONNECTION
AND SEMICONDUCTOR ELEMENT CONNECTION METHOD

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ABSTRACT OF THE DISCLOSURE

10 A gold wire, for semiconductor element connection,
weight of Ca, 5-100 ppm by weight of Gd, 1-100 ppm by weight of Y and preferably 1-
100 ppm by weight of at least one from among rare earth
elements other than Y, as well as 1-100 ppm by weight of
at least one from among Mg, Ti and Pb, the total amount
15 of these elements being no greater than 200 ppm by
weight, the balance being gold and unavoidable
impurities. A semiconductor element connection method by
ball bonding or bump connection using the gold wire.

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