

ABSTRACT

An object of the disclosure is to provide a heat generation element having high durability and a method of manufacturing the same. A heat generation element 1 according to the disclosure includes a first layer 2 having a metallic tantalum phase, and a second layer 3 which covers a periphery of the first layer 2 and has a tantalum carbide phase, wherein a concentration of silicon in an interface portion 4 between the first layer 2 and the second layer 3 is higher than a concentration of silicon in a portion other than the interface portion 4.