

ABSTRACT

MEMBER CONNECTION METHOD

5 This member connection method includes: a printing step of forming a coating film 8 of a copper paste for connection in a connection region 5 of respective members 2 and 3 into a predetermined print pattern 9; a lamination step of laminating the respective members 2 and 3 with the coating film 8 interposed therebetween; and a sintering step of
10 sintering the coating film 8 to form a copper sintered compact 4 and connecting the respective members 2 and 3 by means of this copper sintered compact 4, in which in the printing step, a coating film-formed region 10 in which the coating film 8 is formed, and a coating film non-formed region 20 in which the coating film 8 is not formed are formed in
15 the print pattern 9, and the coating film-formed region 10 is divided into a plurality of concentric regions 12a to 12c and a plurality of radial regions 13a and 13b by means of a plurality of line-shaped regions 21a to 21c provided so as to connect various points A to D, which are separated apart from one another in the marginal part 6 of the connection region 5.

20 Figure 2