ABSTRACT

Disclosed herein are an anisotropically conductive connector that conductivity of all conductive parts for connection is good, and insulating property between adjacent conductive parts for connection is surely achieved even when the pitch of electrodes as objects of connection is small, and good conductivity is retained over a long period of time even when it is used repeatedly under a high-temperature environment, and applications thereof.

The above anisotropically conductive connector is a connector having an elastic anisotropically conductive film, in which a plurality of conductive parts for connection containing conductive particles and extending in a thickness-wise direction of the film have been formed, wherein supposing that the shortest width of each of the conductive parts for connection is W, and the number average particle diameter of the conductive particles is Dn, a value of a ratio W/Dn of the shortest width of the conductive part for connection to the number average particle diameter of the conductive particles falls within a range of 3 to 8, and a coefficient of variation of particle diameter of the conductive particles is at most 50%.