

ABSTRACT

[Abstract]

[Objective]

To provide an aluminum electric wire connecting structure adapted to hold small
5 electric resistances between an aluminum electric wire and a crimping portion of a connector.

[Solution]

A connector includes a crimping portion 12 provided at an inner surface with
projections 1 having inclined sides 19, the crimping portion 12 being provided with a
combination of a base portion 14 and first and a second protruding portions 15 and 16
10 protruding from the base portion 14, the first protruding portion 15 having a distal end part 15a
located at an inside of a distal end part 16a of the second protruding portion 16, the crimping
portion 12 having a ring-shaped section perpendicular to a length direction of the aluminum
electric wire 21, the projections 13 being projected into surface areas of the aluminum electric
wire 21, with distorted regions formed along the inclined sides 19 in a surface part of the
15 aluminum electric wire 21.

[Selected drawing]

Fig. 9