

ABSTRACT

ELECTRIC CONNECTOR

An electric connector has: a connector housing 3 inside which pins 2 are housed and which has at the front an insertion portion 3_A into which a counterpart connector 40 is inserted, and at the rear a coupling portion 3_B; a sealing member 35; a rear holder 6 which has at the front a mating cavity 6_C that is fixed onto the coupling portion, and at the rear a cover installation portion; and a rear cover 20 which is mounted to the cover installation portion via sliding motion. Latching portions 11, 11 are provided in locations adjacent to the cover installation portion, engaging portions 5 into which the latching portions 11, 11 engage are provided in the holder mounting portion of the connector housing 3, and the sliding motion of the rear cover 20 is blocked if the latching portions 11, 11 are in a state of non-engagement with the engaging portions 5 when the rear holder 6 is mounted to the connector housing 3. Thanks to such structure, an electric connector is provided that can proactively detect misassembly of the connector components when the rear cover is fitted.

Selected Drawing: Fig. 12