

ABSTRACT:**ZERO INSERTION FORCE ELECTRICAL CONNECTOR FOR FLAT CABLE**

5 A zero force electrical connector is adapted for
terminating a flat cable (30). The connector includes a
dielectric housing (1) mounting a plurality of conductive
terminals (2). The housing has a first end (1a) adapted
for receiving the flat cable in engagement with the
terminals, a rear end (1b) and opposite sides (8a,8b). An
10 actuator (3) is mounted to the housing for movement between
a first position allowing free insertion of the cable into
engagement with the terminals and a second position biasing
the cable against the terminals. Complementary
interengaging stops (12a,29a) are provided between the
15 housing (1) and the actuator (3) near the rear end (1b) of
the housing for limiting rotation of the actuator relative
to the housing in a first direction. Complementary
interengaging latches (16a,24a,40,42) are provided between
the housing (1) and the actuator (3) near the front end
20 (1a) of the housing for preventing rotation of the actuator
relative to the housing in a second direction opposite the
first direction.

