

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

A zero insertion force electrical connector is provided for a flat cable (29). The connector includes a dielectric housing (1) mounting a plurality of terminals (2). The housing has a front end with an opening (8) for receiving an end of the flat cable (29) in engagement with contact portions (13) of the terminals (2). An actuator (3) is pivotally mounted relative to the housing (1) for floating movement between a first position allowing free insertion of the flat cable (29) into the opening (8) and a second position biasing the cable against the terminals (2). A cam surface (17) on the actuator (3) abuts a counter cam surface (9) on the housing (1) as the actuator rotates and translates about a moving pivot from its first position to its second position sandwiching the end of the flat cable (29) between the contact portions (13) of the terminals (2) and the actuator (3).

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED