

ABSTRACT

IC SOCKET

Disclosed is an improved IC socket comprising a housing having terminals 7 and an opening-and-closing mechanism 13 to change the terminals 7 from a contact-making position to a contact-releasing position. The housing has a platform 6 to receive the lead wires 12 of the IC, and a movable cover 14 activates a swingable member 17 which rotates. The opening-and-closing mechanism 13 is positioned so that the swingable member 17 tilts the opening-and-closing mechanism toward the contact-releasing position when the movable cover 14 is depressed. The device is designed as to leave between the lead platform 6 and a contact end 8 a clearance C, which is smaller than the thickness T of the lead wire 2. Clearance C prevents any debris from sticking on the contact end 8, assuring the reliability of electric contacts with the lead wires of the IC. A flat cam surface 18 on the swingable member 17 has a variable operative slope which varies as the swingable member 17 tilts clockwise and then counterclockwise, so that gradual and steep slopes are provided continuously as the swingable member 17 swings about a pivot 16. This continuous slope variation avoids any odd feeling when the operator pushes the movable cover 15 down.

THIS SHEET HAS BEEN
REPLACED

