

Description

BACKGROUND OF THE INVENTION

[Field of the Invention]

This invention relates to a socket for an electric part, in which contacts are shifted to contact release position by means of operation for sliding a slider backwardly, so that an electric part such as IC can be inserted and removed with no-load.

[Prior Art]

USP4,623,208 discloses a socket of the same type as the present invention, including a plurality of contacts implanted in a base, the contacts each having a curved spring portion, a contact nose portion extending forwardly from an upper end of the curved spring portion, and a cantilevered arm integrally extending backwardly from an upper end of the curved spring portion, the curved spring portion being compressed by pushing down an end portion of the cantilevered arm so that the contact nose portion is separated away from a corresponding lead of an electric part.

Specifically, when the cantilevered arm is pushed down in the above socket, a push-down force is applied to the upper end of the curved spring portion. Since the upper end of the curved spring portion is flexed downward against elasticity thereof by the push-down force, the contact nose portion is shifted backwardly so as to be separated away from the corresponding lead in order to facilitate smooth insertion and removal of an IC.

In the above-mentioned prior art, if a spring constant of the curved spring portion is arranged to be large in order to increase a contacting pressure, the push-down force becomes correspondingly large. In contrast, if the spring constant of the curved spring portion is arranged to be small in order to reduce an operating force, the contacting pressure is also lowered. Thus, the prior art has a mutually incompatible problem as discussed. Accordingly, it is conventionally difficult to provide a design satisfying both the conditions that the operating force is arranged to be as small as possible and the contacting pressure is arranged to be large.

Furthermore, in a construction wherein the contact nose portion is shifted backwardly by compressing the curved spring portion by pushing down the cantilevered arm, there is such a problem that an efficient shifting amount against a pushing-down amount is difficult to obtain.

It further has the problem that when the cantilevered arm is pushed down, a twist tends to occur to the axis of the contact. As a result, a harmful swaying is likely to occur to the contact nose portion, and repeat-

ed application of an external force to the cantilevered arm in the curved direction easily accumulates metal fatigue to a basal portion of the cantilevered arm.

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SUMMARY OF THE PRESENT INVENTION

It is therefore an object of the present invention to provide a socket for an electric part, in which a contact nose portion can be efficiently separated away from a corresponding lead with a reduced operating force by sliding a slider forwardly and backwardly, and without using a cantilevered arm integral with the contact as in the prior art.

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It is another object of the present invention to provide a socket for an electric part, in which a contact nose portion can be separated backwardly away from a corresponding lead merely by applying a backward tensile force to a spring portion of the contact, and without applying a compressing force from above to the spring portion of the contact.

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A further object of the present invention is to provide a socket for an electric part, in which such problems as that a contact is twisted as a result of pushing-down operation of a cantilevered arm, and the cantilevered arm is suffered from metal fatigue, as in the prior art, can be eliminated, and the contact can be shifted without any trouble even if it is used repeatedly.

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To achieve the above objects, there is essentially provided a socket for an electric part including a plurality of contacts implanted in a base, said contacts each having a spring portion and a contact nose portion extending from said spring portion, said contact nose portion being separated away from a corresponding lead of the electric part placed on said base when said contact nose portion is shifted backwardly against elasticity of said spring portion and press-contacted to said lead when said contact nose portion is shifted forwardly owing to restoring force of said spring portion, said socket for an electric part further including a slider, as means for shifting said contact nose portion and slidable forwardly and backwardly at a constant reciprocal stroke, and guide means mounted on said base and adapted to guide the sliding stroke of said slider, said slider and each contact being engaged in such a manner as to act cooperatively with each other, said slider, when sliding backwardly, displacing said contact nose portion backwardly so that said contact nose portion is separated away from said lead, said slider being slid forwardly following the forward displacement of said contact nose portion when said contact nose portion is shifted forwardly, in order to obtain a press-contact to said lead.

According to the present invention, the contact nose portion can be efficiently shifted backwardly so as to be separated away from the lead with a reduced operating force by a sliding movement of the slider in the forward and backward direction, and without us-

ing a cantilevered arm is in the prior art.

The contact nose portion can be shifted backwardly so as to be properly separated away from the lead merely by applying a tensile force to the contact nose portion by sliding the slider backwardly, and without compressing the spring portion of the contact from above by a pushing-down force.

Furthermore, a contact is not twisted as a result of pushing-down operation of a cantilevered arm, and the cantilevered arm is not suffered from metal fatigue, as in the prior art, and the contact can be shifted without any trouble even if it is used repeatedly.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a sectional view, partly omitted, of a socket for an electric part according to a first embodiment of the present invention, in which a contact is shifted forwardly;

Fig. 2 is likewise a sectional view, partly omitted, of the above socket, but in which the contact is shifted backwardly;

Fig. 3 is likewise a sectional view, partly omitted, of the above socket, but in which the contact is shifted, forwardly to press a lead;

Fig. 4 is an enlarged perspective view of a slider used in the above socket;

Fig. 5 is a sectional view, cut into a half, of a socket for an electric part according to a second embodiment of the present invention, in which a contact is shifted forwardly;

Fig. 6 is likewise a sectional view of the above socket, but in which the contact is shifted backwardly;

Fig. 7 is likewise a sectional view of the above socket, but in which the contact is shifted forwardly to press a lead;

Fig. 8 is an enlarged side view of a contact nose portion of a contact used in the above socket; and Fig. 9 is a plan view of a slider used in the above socket.

DETAILED DESCRIPTION OF THE EMBODIMENTS

The embodiments of the present invention will now be described with reference to Figs. 1 through 9 inclusive. Figs. 1 through 4 inclusive show a first embodiment of the present invention, and Figs. 5 through 9 inclusive show a second embodiment of the present invention. Since a socket shown in Figs. 1 through 3 is of symmetrical structure, a part of it is omitted. First, a common structure to the first and second embodiments will be described, and then characteristic structures of the first and second embodiments will be described.

A base 1 formed of an insulating material has a central opening which is opened at its top and bottom.

An electric part accommodation space 2 is defined in the top side of the central opening, and a plurality of contacts 3 are arranged in array along at least two opposing sides of the accommodation space 2.

The contacts 3 are implanted in the base 1 and each has a male terminal 3c projecting downward from a lower surface of the base 1. Each contact 3 has a flat portion 3b merged into a basal portion of the male terminal 3c. The flat portion 3b is supported by an upper surface of a contact implanting wall in such a manner as to be raised in a vertical direction therefrom. The contact 3 further has a curved spring portion 3a extending from the flat portion 3b. A convex curvature of the curved spring portion 3a faces downward.

In the first embodiment shown in Figs. 1 through 4 inclusive, the curved spring portion 3a is situated ahead of its basal portion, and in the second embodiment shown in Figs. 5 through 9 inclusive, the curved spring portion 3 is situated behind its basal portion.

A contact nose portion 3e extends forwardly from a free end side of the curved spring portion 3a. For example, an arm 3d extends forwardly and upwardly at angles from an end portion of the curved spring portion 3a, and the contact nose portion 3e extends from the free end of the arm 3d. It may be designed such that the arm 3d constitutes a second spring portion and the curved spring portion 3a constitutes a first spring portion. It may also be designed such that the arm 3d is formed of a rigid body and the rigid arm 3d is shifted by the curved spring portion 3a.

As shown in Figs. 1 and 7, the curved spring portion 3a is served as a means for urging the contact nose portion 3e forwardly so that the contact nose portion 3e is press-contacted to an upper surface of a lead 7a of an electric part 7. By shifting the contact nose portion 3e backwardly against elasticity of the spring portion 3a, the contact nose portion can be separated away from the lead 7a in order to remove the contact relation.

The socket includes a slider 4 formed of an insulating material as a means for shifting the contact nose portion 3e of the contact 3 backwardly against elasticity of the spring portion 3a. The slider 4 extends in parallel relation with a row of the contacts 3 and can be slid forwardly and backwardly at a constant reciprocal stroke. In other words, the slider 4 can be slid in the same direction as the shifting direction of the contact member, and the slider 4 and the contacts 3 can be engaged in such a manner as to be cooperatively acted with each other.

The base 1 is provided with a guide means for guiding the slider 4. As one example of the guide means, as shown for example in Fig. 1 or 5, a guide surface 6 formed of a flat plane extending behind the arm 3d is formed at an upper location of the spring portion 3a. On the other hand, a sliding surface 4a formed of a flat plane is formed on a lower surface of

the slider 4. The slider 4 is supported on the guide surface 6 by the sliding surface 4a, so that the slider 4 can be slid forwardly and backwardly along the guide surface 6.

As a preferred example of the guide surface 6, the guide surface 6 is formed of a horizontal plane. Specifically, it includes, as a means for sliding the slider 4 laterally, a cover 5 which is disposed at an upper part of the base 1 in such a manner as to be able to move upwardly and downwardly in the vertical direction, the guide surface 6 being perpendicular to the moving direction (horizontal direction) of the cover 5. The arrangement being such that the slider 4 can be slid in a perpendicular direction with respect to the moving direction (horizontal direction) of the cover 5 along the guide surface 6.

As another example for sliding the slider 4 in the lateral direction, it may be designed such that the slider 4 is slid backwardly along either a downward inclination or an upward inclination. Although not shown, at this time, the guide surface 6 may be of a flat surface or of a curved surface having a certain angle of inclination.

The cover 5 has a cam means for sliding the slider 4 in the lateral direction in accordance with its upward and downward (vertical direction) movement. The cam means is formed of a cam element 5a projecting downward from the cover 5. The cam element 5a has an inclination cam face 5b at its rear side surface, while the slider 4 has a pressure bearing portion 4c slide-contacted with the inclination cam face 5b.

The pressure bearing portion 4c will now be described. In the first embodiment shown in Figs. 1 through 4 inclusive, as apparent from Fig. 4, the slider 4 is provided with slide-engaging elements 4d each projecting from each end thereof, and the cam element 5a is contacted at its inclination surface 5b with a front side surface of the slide-engaging element 4d.

In the second embodiment shown in Figs. 5 through 9 inclusive, as apparent from Fig. 9, the slider 4 is provided with a plurality of recessed portions 4g formed in a front edge portion thereof, and the recessed portions 4g are arranged at equal spaces in the longitudinal direction. On the other hand, the cover 5 is provided with a corresponding number of cam elements 5a to the recessed portions 4b. The cam elements 5a are slide-fitted into the corresponding recessed portions 4g, and the inclination cam faces 5b of are contacted with inner walls of the recessed portions 4g, respectively, thereby forming the pressure bearing portions 4c, respectively.

The cam element 5a, when vertically lowered by the pushing-down operation of the cover 5, is slid down at its inclination cam face 5b the pressure bearing portion 4c and pushes the pressure bearing portion 4c backwardly in order to slide the slider 4 backwardly against elasticity of the spring portion 3a of the contact 3. On the contrary, when the slider 4 is slid

forwardly by a forward restoring force of the spring portion 3a of the contact 3, the pressure bearing portion 4c presses the inclination cam face 5b to restore the cover 5 upwardly. In other words, the cam element 5a acts as the means for converting the upward and downward motion of the cover 5 to the lateral motion of the slider 4. As a preferred example, the cam element 5a acts as the means for converting the vertical motion of the cover 5 to a horizontal direction of the slider 4.

The slider 4 and the contacts 3 are engaged in such a manner as to be cooperatively acted with each other as mentioned. The engaging means will now be described. In the first embodiment shown in Figs. 1 through 4 inclusive, as apparent from Fig. 4, the slider 4 is provided at its front end portion with a plurality of engaging holes 4b or grooves arranged in the direction of the row of contacts 3 and vertically defined all the way through the slider 4. A free end of each contact 3 is provided with a head engaging element 3f projecting upward of the contact nose portion 3e, and the head engaging element 3f is inserted into the engaging hole 4b or groove. Then, as shown in Fig. 1, the head engaging element 3f is inserted into the engaging hole 4b or groove. As shown in Fig. 1, the head engaging element 3f is pushed against the front inner side surface of the engaging hole 4b or groove by elasticity of the spring portion 3a.

In the first embodiment, the slider 5 is designed to be high at its front end and low at its rear end in order to form a step portion, and the position where a step portion 5c of the cover 5 is engaged with the step portion is served as a lower limit for the downward movement of the cover 5. In the embodiments shown in Figs. 1 through 9 inclusive, as apparent from Fig. 9 and others, the slider 4 is provided at a rear edge portion thereof with a plurality of recessed portions 4f, and the recessed portions 4f are arranged at equal spaces in the longitudinal direction (i.e., direction of the row of contacts 3) of the slider 4. The arms 3d of the contacts 3 are engaged in the recessed portions 4f respectively, so that the arms 3d are press-contacted with the inner walls of the recessed portions 4f by elasticity of the spring portions 3a, respectively.

The recessed portions 4f and the recessed portions 4g are arranged in such a manner as to shift their pitches with each other, so that the cam elements 5a press the areas between the adjacent recessed portions 4f (namely, between the adjacent contacts 3) respectively. Owing to the constructions shown in the first and second embodiments, the contacts 3 urge the slider 4 to be slid forwardly.

As shown in Figs. 2 and 6, when the slider 4 is slid backwardly, the contact nose portion 3e is shifted backwardly against elasticity of the spring portion 3a and the slider 4 is slid forwardly by the restoring force of the spring portion 3a. Therefore, when the cover 5

is moved downward, the cam element 5a causes the contact nose portion 3e to be separated backward away from the contacting position with the lead 7a to realize a non-interference state, as in the same manner as it causes the slider 4 to be slid backward against the spring portion 3a. In the state shown in Figs. 2 and 6, the electric part 7 can be inserted into and removed from the accommodation space 2 with no-load.

Lead supporting seats 1a are disposed at the opposing two or four sides of the accommodation space 2. When the electric part 7 is inserted into the accommodation space 2, the leads 7a projecting sideward of the electric part 7 are supported on the upper surfaces of the lead supporting seats 1a, respectively.

Next, as shown in Figs. 3 and 7, in the state where the electric part 7 is accommodated in the accommodation space 2, when the pushing-down force to the cover 5 is removed, the slider 4 is slid forwardly by the restoring force of the spring portion 3a of the contact 3, and the pressure tearing portion 4c, in associating with the foregoing movement, urges the cam element 5a to push the cover 5 upwardly. At the same time, the contact element 3e of the contact 3 is shifted forwardly and press-contacted with the upper surface of the lead 7a which is supported on the supporting seat 1a.

The contact nose portion 3e of the contact 3 shown in the second embodiment, as shown in Fig. 8, has a positioning projection 3h at a rear portion of another projection 3g adapted to press-contact with the upper surface of the lead 7a. A step is formed between the projections 3g and 3h. As shown in Fig. 5, when the contact nose portion 3e is shifted forwardly, the contacting projection 3g is press-contacted with the upper surface of the supporting seat 1a in the state where the elasticity is stored. At the same time, a rear edge portion of the supporting seat 1a is engaged in the step portion and the projection 3h is engaged with the outer side surface of said edge portion in order to correctly position each contact.

Although not shown, a plurality of the sliders 4 may be provided to each row of contacts 3. In other words, it may be designed such that the contacts group arranged in a row is divided into small groups, so that the small groups can be shifted by their own sliders.

According to the present invention, the intended backward shifting of the contact can be realized by a backward sliding movement of the slider sliding in the same direction as the contact nose portion, and therefore the contact nose portion can be efficiently separated apart from the contacting position with the lead with a reduced operating force.

Furthermore, the cantilevered arm for compressing the spring portion as in the prior art is no more required. As a result, the problem arising from the operation for repeatedly pushing down the cantilevered arm integral with the contact and repeatedly com-

pressing the curved spring portion can be eliminated efficiently.

That is, by reducing the maximum stress caused by the pushing-down operation of the cantilevered arm and the compressing operation of the curved spring portion and by reducing the metal fatigue of the cantilevered arm and curved spring portion, the service life can be prolonged. Moreover, the twisting and swaying of the contact nose portion caused by the pushing-down operation of the cantilevered arm can be effectively eliminated, and wholesome function of the contacts can be obtained. As a result, a highly reliable contact relation can be obtained.

Claims

1. A socket for an electric part including a plurality of contacts (3) implanted in a base (1), said contacts each having a spring portion (3a) and a contact nose portion (3e) extending from said spring portion, said contact nose portion being separated away from a corresponding lead (7a) of the electric part (7) placed on said base when said contact nose portion is shifted backwardly against elasticity of said spring portion and press-contacted to said lead when said contact nose portion is shifted forwardly owing to restoring force of said spring portion, characterised in that said socket for an electric part further includes a slider (4), as means for shifting said contact nose portion and slidable forwardly and backwardly at a constant reciprocal stroke, and guide means (6) mounted on said base and adapted to guide the sliding stroke of said slider, said slider and each contact being engaged in such a manner as to act cooperatively with each other, said slider, when sliding backwardly, displacing said contact nose portion backwardly so that said contact nose portion is separated away from said lead, said slider being slid forwardly following the forward displacement of said contact nose portion when said contact nose portion is shifted forwardly, in order to obtain a pressure contact to said lead.
2. A socket for an electric part as claimed in claim 1, wherein said slider is engaged with said spring portion of each contact.
3. A socket for an electric part as claimed in claim 1, wherein said slider is in engagement with said contact at an upper location of said spring portion.
4. A socket for an electric part as claimed in claim 1, wherein said slider is slid backwardly by pushing down a presser cover (5) disposed at an upper



is moved downward, the cam element 5a causes the contact nose portion 3e to be separated backward away from the contacting position with the lead 7a to realize a non-interference state, as in the same manner as it causes the slider 4 to be slid backward against the spring portion 3a. In the state shown in Figs. 2 and 6, the electric part 7 can be inserted into and removed from the accommodation space 2 with no-load.

Lead supporting seats 1a are disposed at the opposing two or four sides of the accommodation space 2. When the electric part 7 is inserted into the accommodation space 2, the leads 7a projecting sideward of the electric part 7 are supported on the upper surfaces of the lead supporting seats 1a, respectively.

Next, as shown in Figs. 3 and 7, in the state where the electric part 7 is accommodated in the accommodation space 2, when the pushing-down force to the cover 5 is removed, the slider 4 is slid forwardly by the restoring force of the spring portion 3a of the contact 3, and the pressure tearing portion 4c, in associating with the foregoing movement, urges the cam element 5a to push the cover 5 upwardly. At the same time, the contact element 3e of the contact 3 is shifted forwardly and press-contacted with the upper surface of the lead 7a which is supported on the supporting seat 1a.

The contact nose portion 3e of the contact 3 shown in the second embodiment, as shown in Fig. 8, has a positioning projection 3h at a rear portion of another projection 3g adapted to press-contact with the upper surface of the lead 7a. A step is formed between the projections 3g and 3h. As shown in Fig. 5, when the contact nose portion 3e is shifted forwardly, the contacting projection 3g is press-contacted with the upper surface of the supporting seat 1a in the state where the elasticity is stored. At the same time, a rear edge portion of the supporting seat 1a is engaged in the step portion and the projection 3h is engaged with the outer side surface of said edge portion in order to correctly position each contact.

Although not shown, a plurality of the sliders 4 may be provided to each row of contacts 3. In other words, it may be designed such that the contacts group arranged in a row is divided into small groups, so that the small groups can be shifted by their own sliders.

According to the present invention, the intended backward shifting of the contact can be realized by a backward sliding movement of the slider sliding in the same direction as the contact nose portion, and therefore the contact nose portion can be efficiently separated apart from the contacting position with the lead with a reduced operating force.

Furthermore, the cantilevered arm for compressing the spring portion as in the prior art is no more required. As a result, the problem arising from the operation for repeatedly pushing down the cantilevered arm integral with the contact and repeatedly com-

pressing the curved spring portion can be eliminated efficiently.

That is, by reducing the maximum stress caused by the pushing-down operation of the cantilevered arm and the compressing operation of the curved spring portion and by reducing the metal fatigue of the cantilevered arm and curved spring portion, the service life can be prolonged. Moreover, the twisting and swaying of the contact nose portion caused by the pushing-down operation of the cantilevered arm can be effectively eliminated, and wholesome function of the contacts can be obtained. As a result, a highly reliable contact relation can be obtained.

Claims

1. A socket for an electric part including a plurality of contacts (3) implanted in a base (1), said contacts each having a spring portion (3a) and a contact nose portion (3e) extending from said spring portion, said contact nose portion being separated away from a corresponding lead (7a) of the electric part (7) placed on said base when said contact nose portion is shifted backwardly against elasticity of said spring portion and press-contacted to said lead when said contact nose portion is shifted forwardly owing to restoring force of said spring portion, characterised in that said socket for an electric part further includes a slider (4), as means for shifting said contact nose portion and slidable forwardly and backwardly at a constant reciprocal stroke, and guide means (6) mounted on said base and adapted to guide the sliding stroke of said slider, said slider and each contact being engaged in such a manner as to act cooperatively with each other, said slider, when sliding backwardly, displacing said contact nose portion backwardly so that said contact nose portion is separated away from said lead, said slider being slid forwardly following the forward displacement of said contact nose portion when said contact nose portion is shifted forwardly, in order to obtain a pressure contact to said lead.
2. A socket for an electric part as claimed in claim 1, wherein said slider is engaged with said spring portion of each contact.
3. A socket for an electric part as claimed in claim 1, wherein said slider is in engagement with said contact at an upper location of said spring portion.
4. A socket for an electric part as claimed in claim 1, wherein said slider is slid backwardly by pushing down a presser cover (5) disposed at an upper



portion of said base of said slider in such a manner as to be able to move upwardly and downwardly.

Patentansprüche

1. Fassung für ein elektrisches Teil mit einer Mehrzahl von in einer Basis (1) fest eingesetzten Kontakten (3), die jeweils einen Federteil (3a) und einen sich von dem Federteil erstreckenden Kontaktnasenteil (3e) aufweisen, wobei der Kontaktnasenteil von einer entsprechenden Leitung (7a) des auf der Basis platzierten elektrischen Teils (7) getrennt wird, wenn der Kontaktnasenteil gegen die Elastizität des Federteils nach hinten geschoben und an die Leitung angepreßt wird, wenn der Kontaktnasenteil aufgrund der Rückstellkraft des Federteils nach vorne geschoben wird, dadurch gekennzeichnet, daß die Fassung für ein elektrisches Teil des weiteren einen Schieber (4), als Mittel zum Verschieben des Kontaktnasenteils, der in einem konstanten wechselseitigen Hub nach vorne und hinten verschiebbar ist, sowie an der Basis montierte Führungsmittel (6) enthält, die zum Führen des Schiebehubs des Schiebers ausgelegt sind, wobei der Schieber und jeder Kontakt derart in Eingriff stehen, daß sie zusammenwirken, wobei der Schieber, wenn er nach hinten geschoben wird, den Kontaktnasenteil nach hinten schiebt, so daß der Kontaktnasenteil von der Leitung getrennt wird, wobei der Schieber nach dem Vorwärtsschieben des Kontaktnasenteils nach vorne geschoben wird, wenn der Kontaktnasenteil nach vorne geschoben wird, um einen Druckkontakt zur Leitung zu erhalten.
2. Fassung für ein elektrisches Teil nach Anspruch 1, bei der der Schieber mit dem Federteil jedes Kontakts in Eingriff steht.
3. Fassung für ein elektrisches Teil nach Anspruch 1, bei der der Schieber an einer oberen Stelle des Federteils mit dem Kontakt in Eingriff steht.
4. Fassung für ein elektrisches Teil nach Anspruch 1, bei der der Schieber durch Nachuntenschieben einer Druckeinrichtungsabdeckung (5), die an einem oberen Teil der Basis des Schiebers so angeordnet ist, daß sie sich nach oben und nach unten bewegen kann, nach hinten geschoben wird.

Revendications

1. Socle pour un composant électrique comprenant une pluralité de contacts (3) implantés dans une base (1), lesdits contacts ayant chacun une par-

tie de ressort (3a) et une partie de nez de contact (3e) s'étendant depuis ladite partie de ressort, ladite partie de nez de contact étant écartée d'un conducteur correspondant (7a) du composant électrique (7) placé sur ladite base lorsque ladite partie de nez de contact est déplacée vers l'arrière contre l'élasticité de ladite partie de ressort et pressée en contact avec ledit conducteur lorsque ladite partie de nez de contact est déplacée vers l'avant à cause de la force de rappel de ladite partie de ressort, caractérisé en ce que ledit socle pour un composant électrique comprend en outre un coulisseau (4), comme moyen pour déplacer ladite partie de nez de contact, qui peut coulisser vers l'avant et vers l'arrière en une course réciproque constante, et des moyens de guidage (6) montés sur ladite base et adaptés pour guider la course coulissante dudit coulisseau, ledit coulisseau et chaque contact se touchant d'une telle manière qu'ils agissent en coopération l'un avec l'autre, ledit coulisseau, lorsqu'il coulisse vers l'arrière, déplaçant ladite partie de nez de contact vers l'arrière de telle façon que ladite partie de nez de contact soit écartée dudit conducteur, ledit coulisseau étant glissé vers l'avant en suivant le déplacement vers l'avant de ladite partie de nez de contact lorsque ladite partie de nez de contact est déplacée vers l'avant, dans le but d'obtenir un contact de pression sur ledit conducteur.

2. Socle pour un composant électrique suivant la revendication 1, dans lequel ledit coulisseau touche ladite partie de ressort de chaque contact.
3. Socle pour un composant électrique suivant la revendication 1, dans lequel ledit coulisseau est en engagement avec ledit contact dans une région supérieure de ladite partie de ressort.
4. Socle pour un composant électrique suivant la revendication 1, dans lequel ledit coulisseau est glissé vers l'arrière en repoussant un couvercle de pression (5) disposé dans une partie supérieure de ladite base dudit coulisseau d'une telle manière qu'il soit capable de se déplacer vers le haut et vers le bas.