

THERMAL RESPONSE SWITCH

ABSTRACT

According to the thermally responsive switch of the present invention, a heating element of a heater has a meandering portion formed of a strip-shaped metal plate. The meandering portion is bent twice, namely with respect to a first reference axis and a second reference axis both extending in a longitudinal direction of a housing to thereby form an outer vertical portion located in an outer side of the first reference axis and being perpendicular to an inner surface of a lid plate, an inner vertical portion located in an inner side of the second reference axis and being perpendicular to the inner surface of the lid plate, and an middle vertical portion located between the first reference axis and the second reference axis so as to be disposed between the outer vertical portion and the inner vertical portion and being perpendicular to the inner surface of the lid plate. The middle vertical portion has a narrow portion narrower than a width of said middle vertical portion. The narrow portion is provided on an end portion located in one side of the middle vertical portion where no other heating element exists among the two widthwise end portions of the middle vertical portion.

Fig. 7