



方壳合金型



瓷管合金型



有机物型



Specialized Manufacturer in Thermal Cutoff

in agreement with



FOSTER

Agency & Distribution for Europe

Brief introduction

Company Overview



AUPO Electronics was established in 1986, as a Hongkong-invested enterprise with registered capital of 50 million HK\$. The total investment is 90 million HK\$. With 50000 square meters plant area, we are an advanced high-tech enterprise with collection of R&D, manufacturing and sales of thermal cutoffs(TCO).

AUPO products cover alloy type and pellet type thermal cutoffs, with more than 100 models among more than 10 series and annual output of 1 billion pce.

For the past 30 years, we have delivered more than **10,000,000,000** pcs of thermal cutoffs to markets in more than 40 countries. Nowadays, AUPO has become leading manufacturer of thermal cutoffs in China.



Company Overview

Enterprise vision: as a security guard for household electrical appliances in each family in the world.

Quality policy: Provide acute, stable, secure and reliable high quality products, and uphold the spirit of continuous improvement, excellence and customer satisfaction.

Management system and safety certificates



TUV certified
in 1993



UL certified in
1993, updated
to Ed.3 in 1994



VDE certified
in 1995



PSE certified
in 2003



CCC certified
in 2003



EK certified
in 2006



ISO9001 certified in 1999



ISO14001 certified in 2012



OHSAS18001 certified in 2012

Product introduction

Alloy Type Thermal Cutoffs

A-F series TCO

type	current	temp.range	application	remark
normal	1A-5A	102°C-150°C	coil, component, heating, PCB	key products
anti-surge	5A above	102°C-150°C	SPD	NEW!
low temp.	3A\5A	84°C、76°C	battery	NEW!
high temp.	1A-5A	160°C-187°C	coil, component, heating, PCB	NEW!
sleeve	NA	NA	lamp, motor	NEW!

熔断前

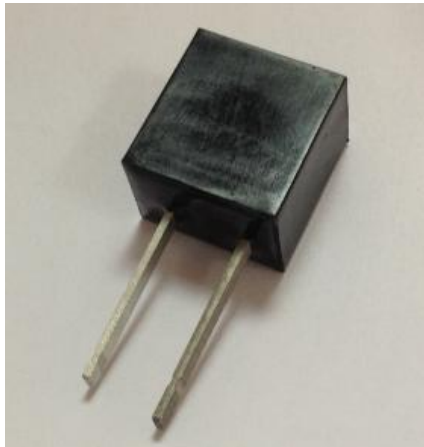


熔断后

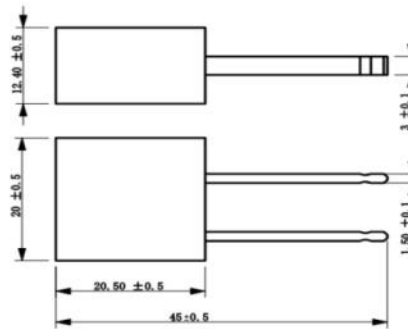
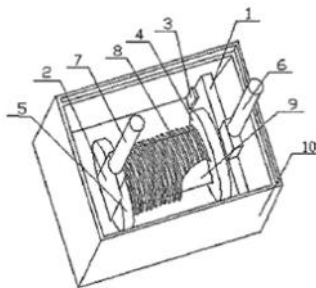


Alloy Type Thermal Cutoffs

A-F series TCO



type	current	temp.range	application	remark
anti-surge type	30A	150°C	lightning arrester, LED drive power, laser radar	NEW!

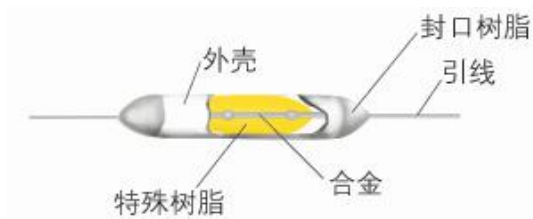


anti-surge TCO
 Patent No. : CN 203103254 U

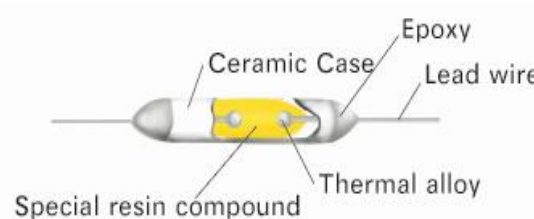
Alloy Type Thermal Cutoffs

P-F series TCO

type	current	temp.range	application	remark
normal	1A-5A	102°C-150°C	coil, component, heating,	key products
anti-surge	5A above	102°C-150°C	SPD	NEW!
high temp.	1A-5A	160°C、187°C、223°C	PCB, coil, component, heating,	NEW!
low temp.	3A\5A	84°C、76°C	battery	NEW!



熔断前



熔断后



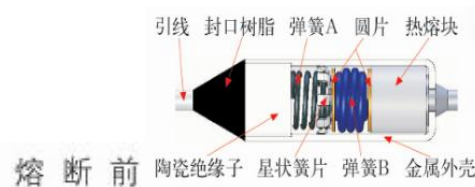
Pellete Type Thermal Cutoffs

BF series TCO

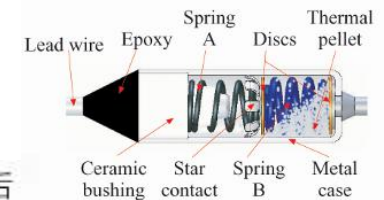
type	current	temp.range	application	remark
BF	10A/250V	73°C-240°C	SPD、 PCB,heating, coil,component	key products
BF-I	16A/125V			
BFX	16A/250V			
RY	10A/250V			NEW!
high temp.	10A/250V	>240°C		NEW!
taped & reeled	NA		all kind of application under automatic technique	NEW!



automatic taping



熔断前



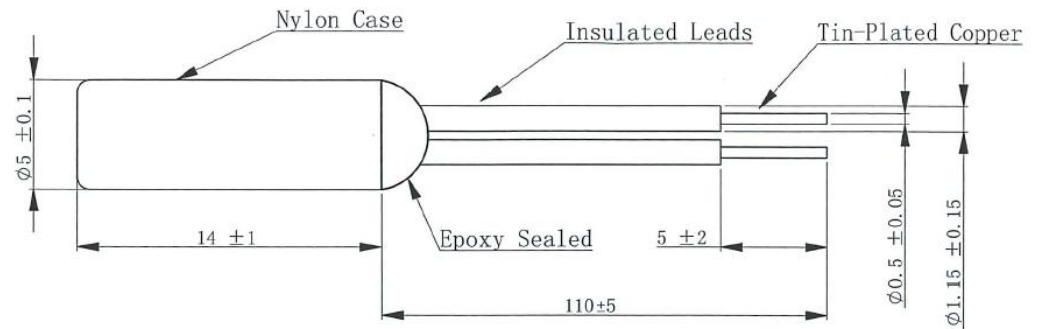
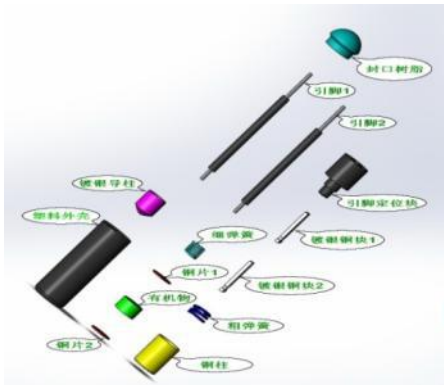
熔断后

Pelitte Type Thermal Cutoffs

LF series TCO



type	current	temp.range	application	remark
LF	5A/250V	73-133°C	central air-conditioning system, aor door and air brake for marine	NEW!



Factory introduction

R&D and testing center



UL-WTDP



temp. accuracy test



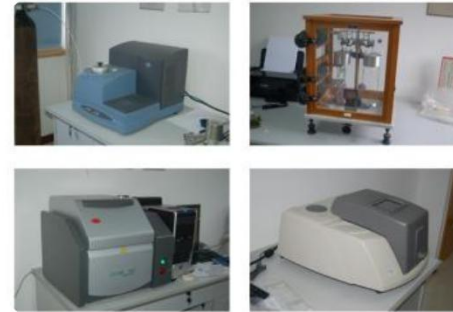
temp. chacteristics test



aging test



lightening strike test



environmental test



electric performance test

Independent development ability of equipment

2008



1st set of automatic soldering machine in China

2009



machine for taping and reeling, lead forming machine, riveting machine for brass shell

2010



automatic resin injection machine, automatic internal resistance detection machine for A type

Independent development ability of equipment

2011



automatic assembly line for A type,
automatic production line for BF type

2012



automatic printing machine for
automatic production line of P type

2013



automatic internal
resistance detection
machine for BF type

2014



automatic internal
resistance detection
machine for P type

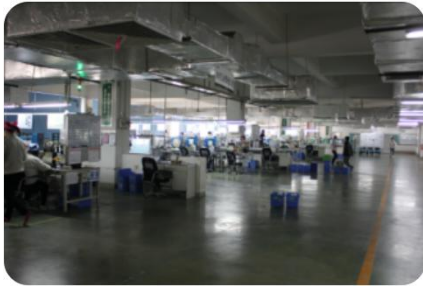
Independent development ability of equipment

2015



A type 10A/15A automatic soldering/alloy inserting machine,
A type wire stripping/soldering/alloy inserting machine

Production field



BF type automatic production line



P type automatic production line



A type 2nd generation automatic production line

product performance test



P type automatic inspection



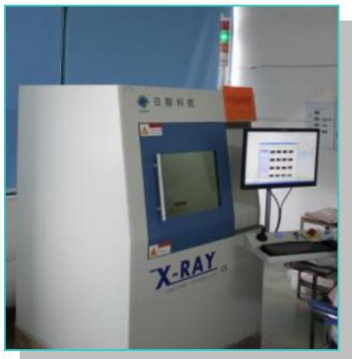
BF type automatic inspection



A type automatic inspection



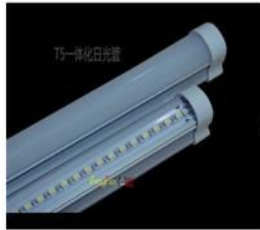
X-Rays inspection



TF inspection

Application

Application-Lighting



LED



Halogen Lamp



mining lamp

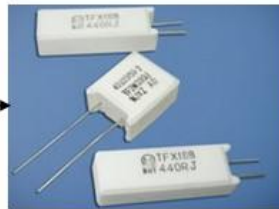


LED Transformer

Application-Components

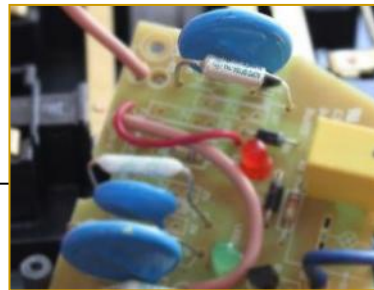


Resistor



Capacitor

Application-Surge Protection



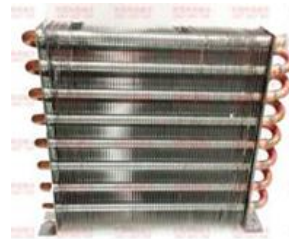
Applications-Air Condition



Applications-Air Condition



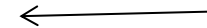
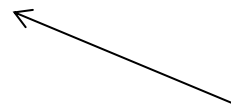
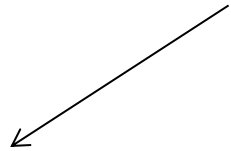
Application- The refrigerator



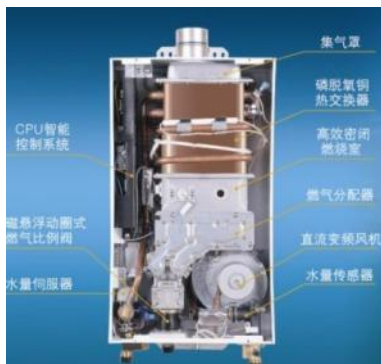
Pellet type



Radical type



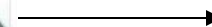
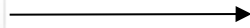
Application- Intelligent gas water heater



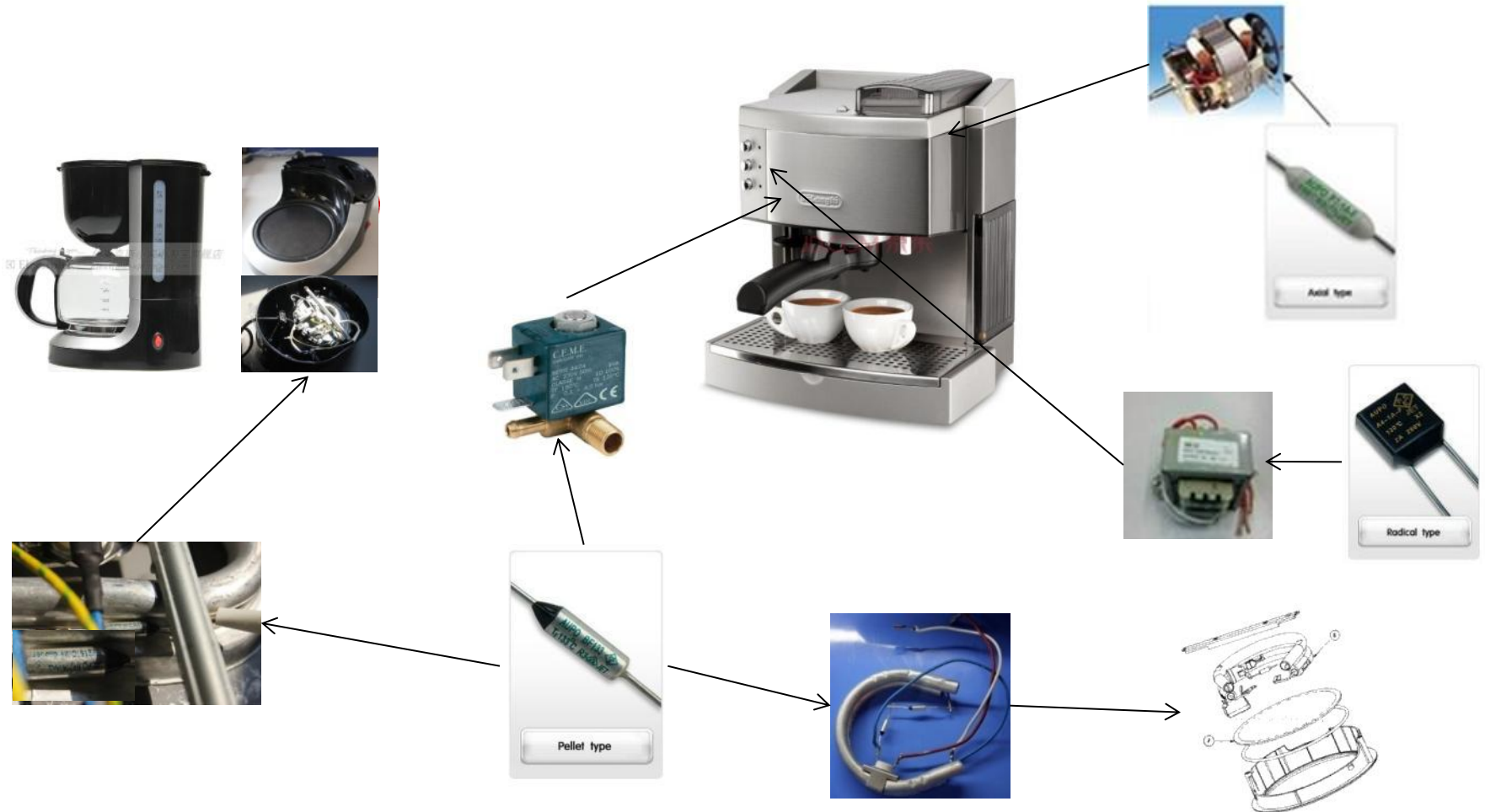
全封闭燃烧室
 安全高效燃烧
 避免燃气浪费



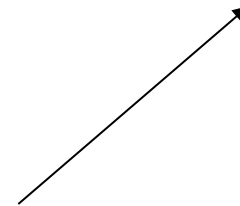
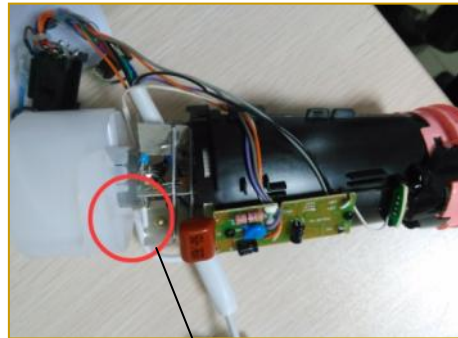
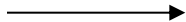
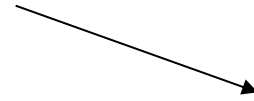
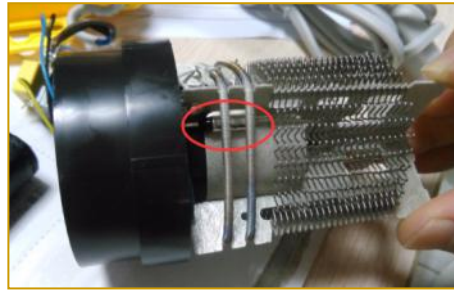
Application- Cooking appliances



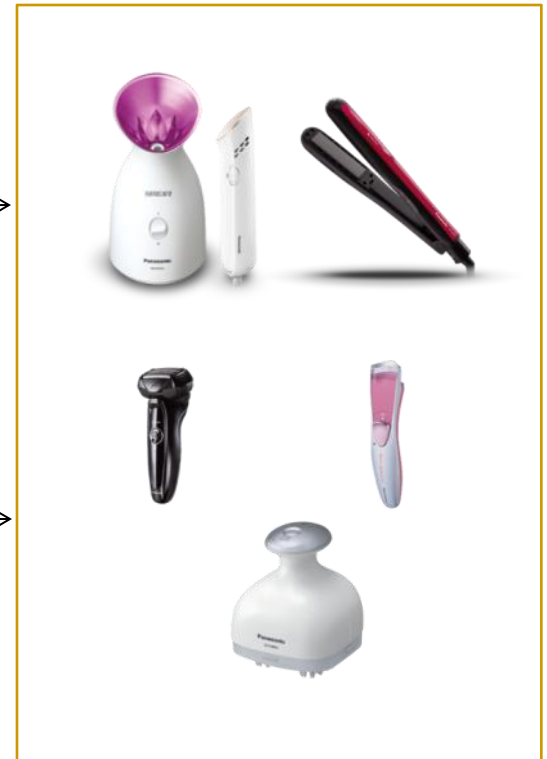
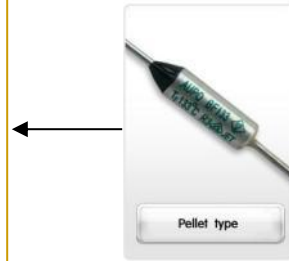
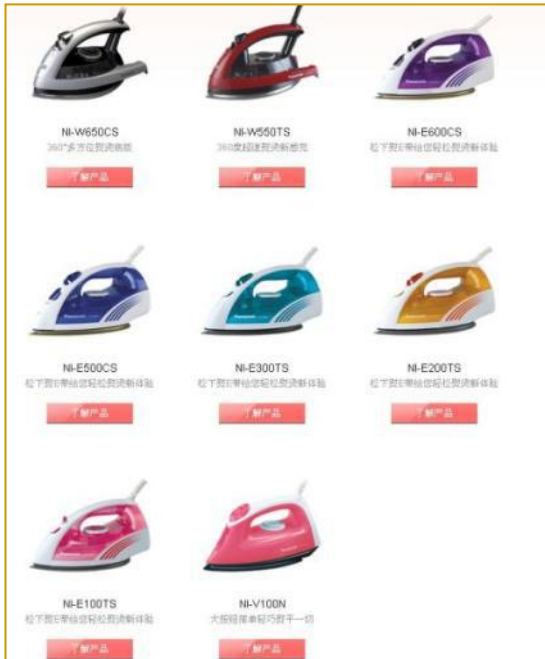
Application- Coffee machine and Stove



Application- Hair dryer



Application- Electric iron & Beauty health care products



Application- water heater&Water purifier



Water heater



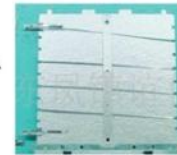
Water purifier



Application- Warmer & Mosquito killer

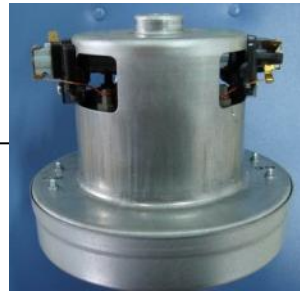


Mosquito Killer



Warmer

Application-Vacuum Cleaner



劲吸·静享
美的吸尘器，大吸力、小声音

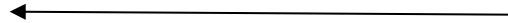
美的·吸尘器

吸尘器

 QW12T-07A	 QB40B	 QB60D
 QB80D	 QW15S-07H	 QW12T-07G

An advertisement for Midea vacuum cleaners. The top part features a blue background with a grey monkey sitting on a yellow vacuum cleaner. The text "劲吸·静享" (Powerful suction, quiet enjoyment) and "美的吸尘器，大吸力、小声音" (Midea vacuum cleaner, powerful suction, low noise) is displayed. Below this is a blue banner with "美的·吸尘器" (Midea vacuum cleaner). The main part of the advertisement is a grid of six vacuum cleaner models, each with a small image and a label: QW12T-07A (blue), QB40B (yellow), QB60D (red), QB80D (grey), QW15S-07H (white), and QW12T-07G (blue and silver).

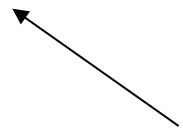
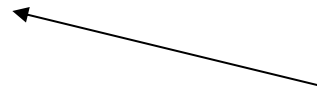
Application-Office Equipment



Application-Toilet lid



Application-Medical Treatment and Health



Application-seat heating



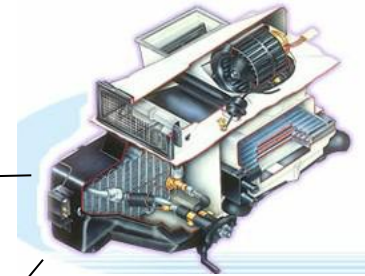
Application-air conditioner



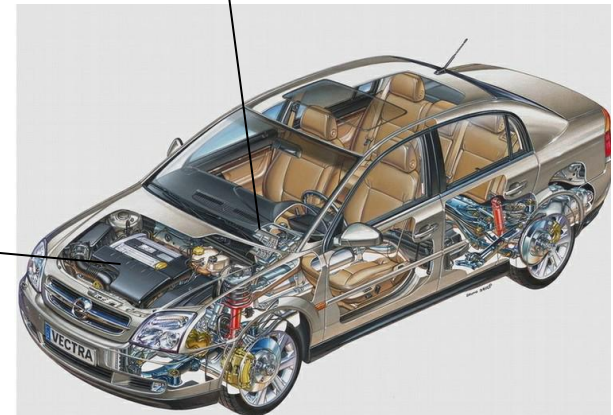
Category: power module for air-conditioner
Application: used to adjust rotation rate of blowing machine of air-conditioner, so as to control wind amount. Continuous control of rotation rate.



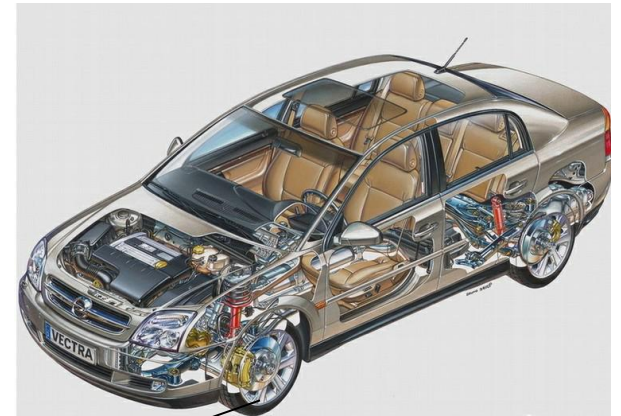
Category: power resistor for air-conditioner
Application: used to adjust rotation rate of blowing machine of air-conditioner, so as to control wind amount. Control of gears of rotation rate.



air conditioner



Application-ABS module





FOSTER S.r.l.

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