REF Wirewound Power Resistor

Aluminum Resistor is also called metal aluminum resistor, non-induction aluminum resistor, golden aluminum resistor, LED aluminum Resistor, etc.according to different applications and customs.Aluminum alloy shell with grooves on the surface for better dissipation. Owning small size,high power rating, resistance to high temperature and high over load, high precision,high stability, strong construction, favorable mechanical protection, easy nstallation, etc.

RH aluminum resistor is also the best alternative for current sense resistor, standard low-induction resistor and untra precision resistor. REF also can provie welding high temperature wires or clips to the resistors for customers when RH aluminum resistor is used in Automobile LED lights industry.

Features

1.High power rating, small size and ultra precision; High stability,strong construction.
2.The colours (golden yellow, red, silver)are available.
3.Standard Terminals:5~200W Tinned terminals, 100~500W Threaded terminals;The ends connected with wires or terminal blades follow customer requirement.
4.Standard winding & non-inductive winding available. When required add "N" to the part number.
5.For non-standard technical requirements and custom special applications, please contact us to discuss the details.
6.Delivery:2 days.
7.Conforms to the ROHS standard and the LEAD-FREE non-lead standard.

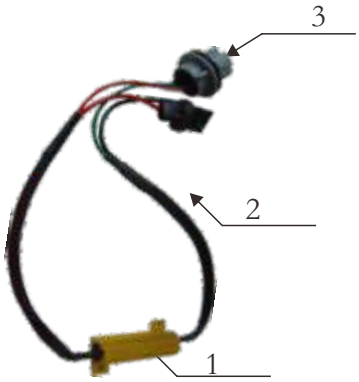
Applications

Widely used in Inverters, Automation equipment, Acoustics,Prescaler,Aging Power testing, Auto accessories,Auto LED industry.

Material

1.Encapsulant: S: Silicone, C: Cement; End caps: Stainless steel.
2.Core: Ceramic steatite or alumina.
3.Housing: Aluminum with hard anodic coating.
4.Element: Copper-nickel alloy, nickel-chrome alloy or manganese copper.

Constructions



1	Resistance
2	Connect cables
3	Socket

Note:1.We can supply connect cables in specified length according to the customers' requirement.
2. For the detail product size/power or resistance value, you can refer to the RHA/RHP resistor

Reference Standards

JISC 5201-1

Ordering Information

Example:

REF	300	J	C	10R0
(1)	(2)	(3)	(4)	(5)
Series Name	Power Rating	Resistance Tolerance	TCR	Resistance

(1)Type: REF SERIES
(2)Power Rating: 5W=5W,10W=10W,15W=15W,20W=20W,,30W=30W,50W=50W.....500=500W
(3)Tolerance: B=±0.1%、D=±0.5%、F=±1%、J=±5%
(4)TCR:±100ppm/℃
(5)Resistance Value:10R0=10R、R10=0.1Ω、47R0=47Ω

Applications And Ratings

Type	Power(W)	Resistance Range(Ω)	TCR(PPM/℃)	Tolerance Range	Maximal transient voltage
REF	5W~500W	0.01Ω~100KΩ	±100PPM	J±5.0%	12 V

Performance

Power Rating:	5W-500W
Socket:	H4, H7, H8, H9, H10, H11, H16
Resistance Value :	0.01Ω-100KΩ
Resistance Tolerance:	0.1%,0.5%,1%,5%