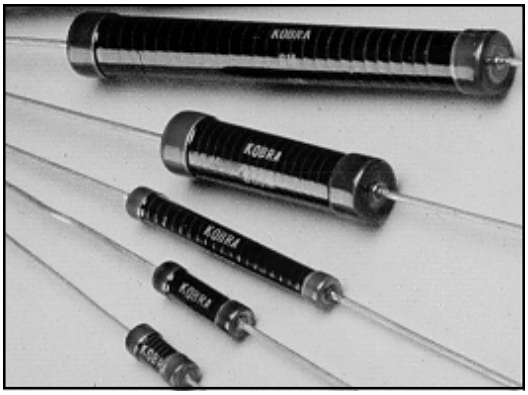
Components

KOBRA Resistors

Precision Metal Oxide High Voltage Resistors



Features

- Tinned copper leads .020" or .032" standard other leads materials available
- Coatings: Epoxy varnish (standard)
  Silicone
- Voltage coefficient typically < 5ppm/v in mid resistance values
- Custom TCR available on request
- Burn-in and other specialized testing available
- Dividers available in CD1213 style

Specifications

Types

Type	Resistance (Ohms)		Power @ 70° C (watts)	Maximum Operating Voltage	Tolerance @ 25 VDC	Maximum Surface Temp.	Max. Dimensions (inches)	
	Min.	Max.					A	B
CR1040	1M	5G	0.75	2.000 V	1%, 2%, 5%	220° C	0.460	0.145
CR1243	1M	10G	1.00	2,500 V	1%, 2%, 5%	220° C	0.500	0.170
CR1268	1M	20G	1.50	5,000 V	1%, 2%, 5%	220° C	0.750	0.170
CR1213	1M	100G	2.00	10,000 V	1%, 2%, 5%	220° C	1.50	0.170

Temperature Coefficient

Temperature Coefficient +25° C to +125° C	CR1040 Range (OHMS)	CR1243 Range (OHMS)	CR1268 Range (OHMS)	CR1213 Range (OHMS)
100 PPM/°C 200 PPM/°C 1000 PPM/°C	1M-100M 100M-1G 1G-5G	1M-100M 100M-3G 3G-10G	100K-200M 200M-6G 6G-20G	100K-400M 400M-12G 12G-100G

C	R	1213	V	92M5	F	2

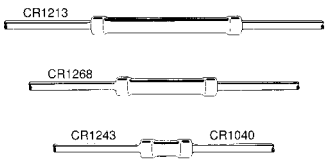
HOW TO ORDER BY PART NUMBER

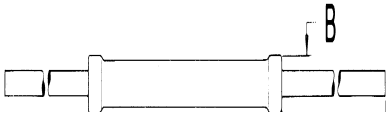
END TERMINATION/LEAD STYLE:
1= .02 dia. wire 2 =.032 dia. wire 3=nickel cap & lead

TOLERANCE: M =20%, L=15%, K=10%, J=5%, G=2%, F=1%, S= special

RESISTANCE VALUE: K = kilohms, M= megohms, G= gigohms, T=terohms, lettter is placed to indicate decimal point. Use resistance total for dividers, sales to assign 4 digit code for networks.

COATING: V=varnish, S=silicone, N=no coating





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