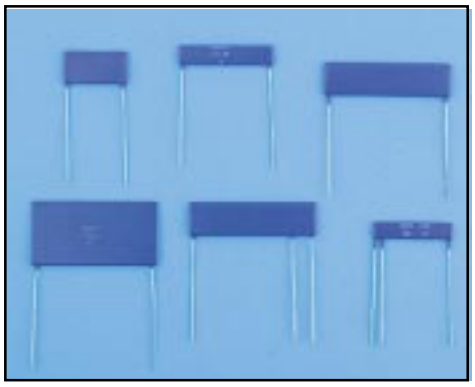
Precision Metal Oxide High Voltage Flat Resistors

Features



- Tolerances: 1%, 2%, 5%, 10%, and 15%
- Tinned copper leads .032" standard. Also available without leads
- Coating: Conformal Epoxy *(standard)*
- Custom TCR available on request
- Burn-in and other specialized testing available
- FD distinguishes between regular or divider part number

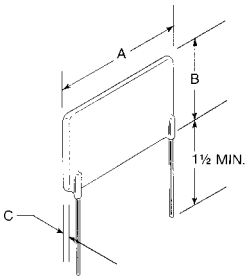
Specifications

Types

Type	Resistance (Ohms)		Power @ 70° C	Maximum Operating Voltage	Maximum Surface Temp.	Max. Dimensions (inches)		
	Min.	Max.				A	B	C
FR0315	100K	5G	2	12,000 V	150° C	1.550	0.350	0.110
FR0510	100K	5G	2	10,000 V	150° C	1.050	0.550	0.110
FR0520	100K	5G	4	20,000 V	150° C	2.050	0.550	0.110
FR1020	100K	10G	6	30,000 V	150° C	2.050	1.050	0.110

Temperature Coefficient

Temperature Coefficient +25° C to +125° C	FR0315 Range (OHMS)	FR0510 Range (OHMS)	FR0520 Range (OHMS)	FR1020 Range (OHMS)
±100 PPM/°C ±250 PPM/°C	100K-500M 500M-5G	100K-500M 500M-5G	100K-500M 500M-5G	100K-1G 1G-10G



HOW TO ORDER BY PART NUMBER

F	R	0520	E	92M5	F	2

END TERMINATION/LEAD STYLE:
2 =.032 dia. wire

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.

COATING: E=epoxy, N=no coating

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