

**MIDWEST  
COMPONENTS  
INC.**

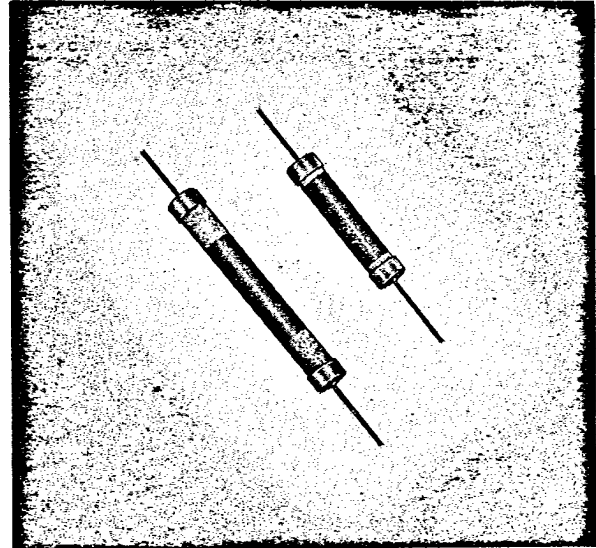
# Product Data

**SECTION 5080  
VARISTOR RODS  
0.25" DIAMETER**

MIDWEST COMPONENTS, INC.

Components For The Control Of Energy

Varistor rods protect circuits and components from inductive voltage surges by limiting peak discharge voltage to a safe value when AC or DC magnetic or inductive circuit current is suddenly interrupted. Other applications include rectification of asymmetrical waveforms in TV circuits to aid in High Voltage Regulation.



## Characteristics at 25°C.

ORDER NUMBER	MAXIMUM VALUES					SPECIFICATIONS		LENGTH
	CONTINUOUS OPERATING VOLTAGE VOLTS		CONTINUOUS POWER RATING WATTS	PEAK DISCHARGE VOLTAGE FOR GIVEN DC DISCHARGE CURRENT		DC TEST VOLTAGE & CURRENT		L (MAX.)
	DC	AC		AMPERES	VOLTS	VOLTS	AMPERES	INCHES
72R-2200	3300	2950	0.4	.010	10,500	3,800 ±20%	.0001	2-1/16
72R-2100	1700	1525	0.25	.001	3,700	2,000 ±20%	.0001	1-1/8
71R-2100	1100	1000	0.25	.005	3,300	1,125 ±20%	.0001	
69R-2100	600	540	0.25	.010	1,900	920 ±20%	.0010	
68R-2100	300	275	0.25	.025	1,000	400 ±20%	.0010	
66R-2100	150	135	0.25	.050	600	165 ±20%	.0010	

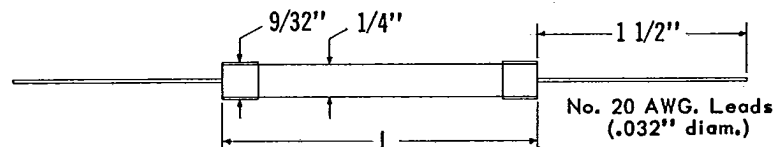
### MAXIMUM RATINGS

Continuous Body Temperature—110°C

Short-time Body Temperature — 150°C

NOTE: Silicone Impregnation provided to insure protection against moisture.

### OUTLINE DRAWING



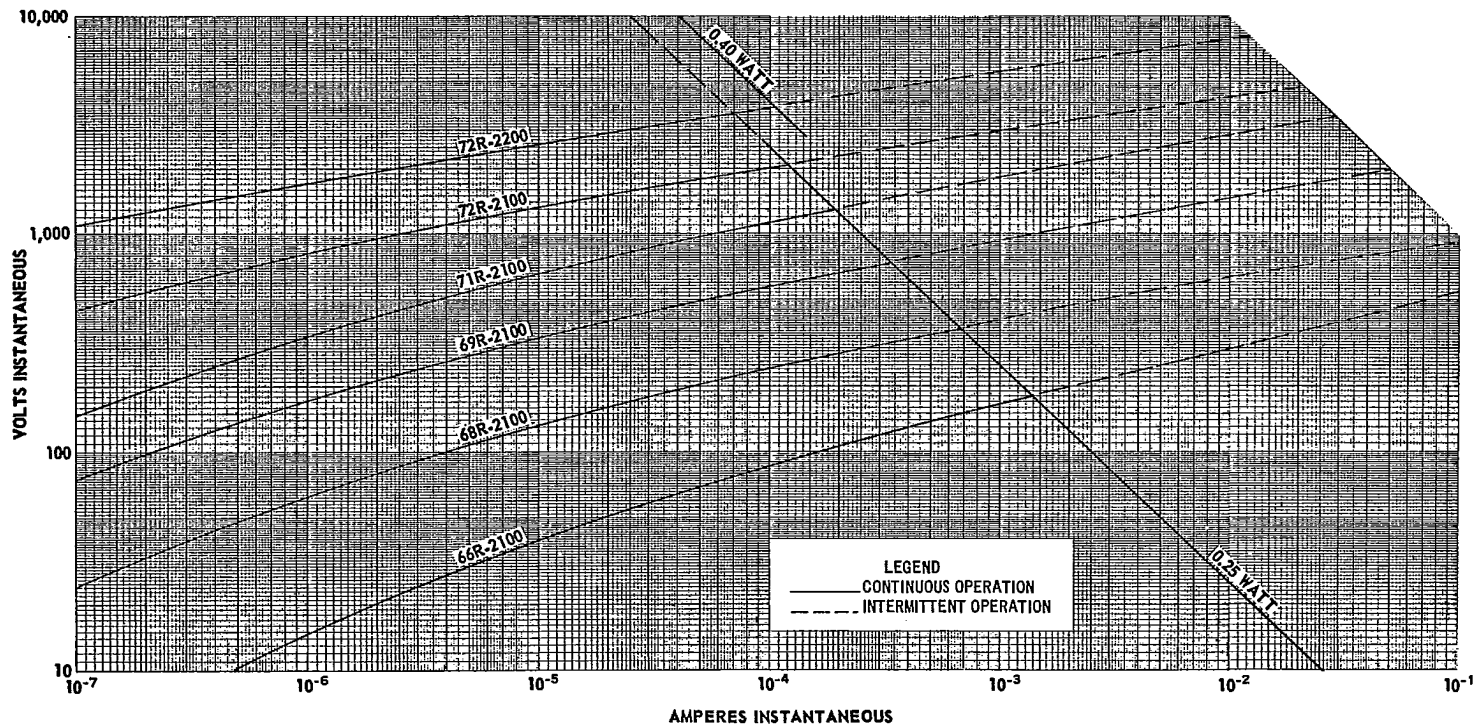
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**EMERSON**  
®

Printed in U.S.A.

## 0.25" VARISTOR ROD NOMINAL VOLT-AMPERE CHARACTERISTICS

**SPECIAL VARISTORS:**

To meet special applications a "non-standard" varistor may be required. Quotations will be provided for:

- Tolerances down to  $\pm 10\%$  on resistance.*
- Voltage values other than stock standard.*
- Protective and/or Identification Coating.*
- Special Mounting or Assembly.*
- Different Lead Arrangement.*