

## GENERAL SPECIFICATIONS:

RESISTANCE RANGE: 10 ohms to 500 ohms.  
other values available.

RESISTIVE TOLERANCE:  $\pm 1\%$ ,  $\pm 2\%$ ,  $\pm 5\%$ .

TEMPERATURE COEFFICIENT:  $\pm 75$  PPM/ $^{\circ}\text{C}$ .

FREQUENCY RANGE: DC to 18 GHz.

For DC to 40 GHz consult factory.

TEMPERATURE RANGE:  $-65^{\circ}\text{C}$   $+175^{\circ}\text{C}$ .

POWER RATING: Rated power is based on a maximum surface temperature of  $+175^{\circ}\text{C}$ .

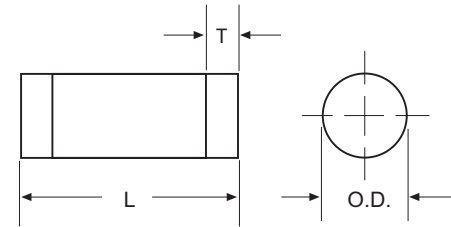
## MATERIALS:

TERMINALS: The solderable terminals are a highly reliable multilayer of Tin over Nickel.

PROTECTIVE COATING: High temperature enamel.

CERAMIC: Low power rods are Alumina, high power rods are **Beryllium Oxide** or Aluminum Nitride.

RESISTIVE ELEMENT: Metal film.



## ALUMINA ROD RESISTORS:

TYPE	O.D. $\pm .003$	L $\pm .010$	T $\pm .015$	POWER WATTS
R40L115	.040	.115	.031	.050
R62L375	.062	.375	.047	.050
R125L250H	.125	.250	.063	1.00
R125L406	.125	.406	.109	1.50
R125L500	.125	.500	.063	2.00

## BERYLLIUM OXIDE ROD RESISTORS:

TYPE	O.D. $\pm .003$	L $\pm .010$	T $\pm .015$	POWER WATTS
R40B115	.040	.115	.031	5.0
R60B120	.060	.120	.031	10.0
R62B187	.062	.187	.063	10.0
R62B375	.062	.375	.047	10.0
R125B500	.125	.500	.063	25.0
R250B750	.250	.750	.125	40.0
R375B750	.375	.750	.125	75.0

## ALUMINUM NITRIDE ROD RESISTORS:

**NEW**

TYPE	O.D. $\pm .003$	L $\pm .010$	T $\pm .015$	POWER WATTS
R40N115	.040	.115	.031	4.0
R60N120	.060	.120	.031	8.0
R62N187	.062	.187	.063	8.0
R62N375	.062	.375	.047	8.0
R125N500	.125	.500	.063	20.0
R250N750	.250	.750	.125	31.0
R375N375	.375	.750	.125	59.0

**NEW**

## ALUMINA SHOULDERED ROD RESISTORS:

TYPE	O.D. $\pm .002$	L $\pm .010$	T $\pm .015$	A $\pm .010$	B $\pm .015$	POWER WATTS
R125S500	.125	.500	.025	.064	.092	.050

