

## TEMPERATURE STABLE

### GENERAL SPECIFICATIONS:

IMPEDANCE: 50 Ohms.

TEMPERATURE COEFFICIENT:  $\pm 100$  PPM/ $^{\circ}$ C

(-55 $^{\circ}$ C to +125 $^{\circ}$ C with 25 $^{\circ}$ C as reference). Other temperature coefficients available.

POWER RATING: The rated input power is based on a room temperature of 25 $^{\circ}$ C derated linearly to zero power at 150 $^{\circ}$ C.

### MATERIALS:

RESISTIVE ELEMENT: Proprietary film

SUBSTRATE: **Beryllium Oxide** Ceramic

(Low power rods are alumina)

COVER: Alumina or Epoxy

TAB: **Beryllium** Copper, Gold Plated, or Tin Plated

### RPCA & RNCA

#### HOW TO ORDER BY PART NUMBER:

The part number is a combination of type, dB value and style (where applicable).

*Example: RPCA 30 10 C*

TYPE \_\_\_\_\_  
dB VALUE \_\_\_\_\_  
STYLE  
(TAB & COVER) \_\_\_\_\_  
(where applicable)

### CHIP RESISTORS & TERMINATIONS

#### HOW TO ORDER BY PART NUMBER:

The part number is a combination of type, size, terminal style, resistance value and tolerance.

*Example: RPC 50-50 T 50 1*

TYPE \_\_\_\_\_  
SIZE \_\_\_\_\_  
TERMINAL  
STYLE \_\_\_\_\_  
RESISTANCE  
VALUE \_\_\_\_\_  
TOLERANCE IN% \_\_\_\_\_

### ROD RESISTORS

#### HOW TO ORDER BY PART NUMBER:

The part number is a combination of dia., length, resistance value and tolerance.

*Example: R62L187 50 2*

DIA. & LENGTH \_\_\_\_\_  
RESISTANCE  
VALUE \_\_\_\_\_  
TOLERANCE IN% \_\_\_\_\_