

## CONVECTION COOLED

### GENERAL SPECIFICATIONS:

IMPEDANCE: 50 Ohms  $\pm 5\%$

MECHANICAL TOLERANCE:  $\pm .010$  inch unless otherwise specified.

TEMPERATURE COEFFICIENT:  $\pm 100$  PPM/ $^{\circ}\text{C}$  maximum from  $-55^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ .

TEMPERATURE RANGE:  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$ .

ENVIRONMENTAL: Meets or exceeds the applicable requirements of MIL-PRF-55342.

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

### MATERIALS:

HOUSING: Black Anodized Aluminum where applicable.

RESISTIVE ELEMENT: Proprietary film.

SUBSTRATE: Alumina Ceramic for 1 watt and BEO above 1 watt.

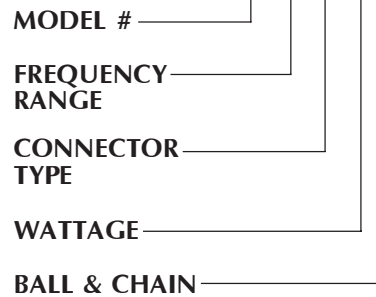
CONNECTOR INTERFACE: Conforms to MIL-C-39012.

CONNECTOR BODY: SMA Passivated Stainless Steel, TNC & "N" Nickel Plated Brass.

### HOW TO ORDER RCX BY PART NUMBER:

The part number is a combination of model, frequency range, connector type, wattage and style (where applicable).

*Example: RCX 1 SM 2 B*



### HOW TO ORDER RFT BY PART NUMBER:

The part number is a combination of model, wattage, connector type and frequency range.

*RFT's SHOULD BE MOUNTED HORIZONTALLY.*

*Example: RFT 100 NM C*

