

CONDUCTION COOLED

GENERAL SPECIFICATIONS:

IMPEDANCE: 50 Ohms $\pm 5\%$.

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

TEMPERATURE COEFFICIENT: ± 100 PPM/ $^{\circ}\text{C}$ maximum from -55°C to $+125^{\circ}\text{C}$.

TEMPERATURE RANGE: -55°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°C derated linearly to zero power at 150°C .

MATERIALS:

HOUSING: Copper, Nickel Plated.

RESISTIVE ELEMENT: Proprietary film.

SUBSTRATE: **Beryllium Oxide** Ceramic.

CONNECTOR INTERFACE: Conforms to MIL-C-39012.

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

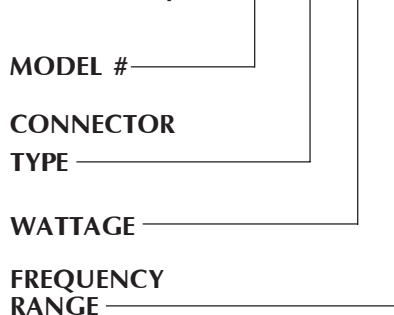
HOW TO ORDER RCX BY PART NUMBER:

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

Lower Wattage

(page 1C)

Example: **RCX SF 15 A**



Higher Wattage

Example: **RCX 150 NM C**

