



## Features:

- DC 3.0 GHz
- 5 Watts
- BeO Ceramic
- Non-Nichrome Resistive Element
- Low Capacitance
- 100% Tested

# Surface Mount Resistor 5 Watts, $100\Omega$

#### **General Specifications**

Resistive Element Thick film

Substrate Beryllium oxide ceramic

**Terminals** Thick film silver

#### **Electrical Specifications**

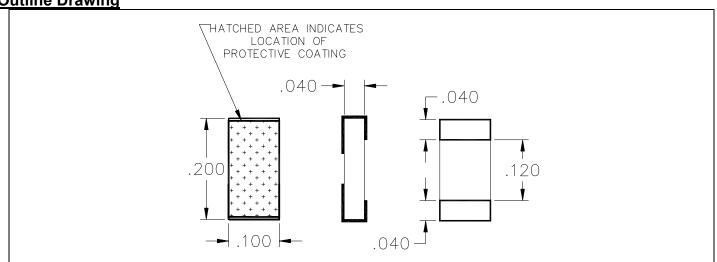
Resistance Range: $100 \text{ ohms}, \pm 2\%$ Frequency Range;DC - 3.0 GHzPower:5 WattsCapacitance:0.8 pF

**Note:** Tolerance is ±0.010", unless otherwise specified. Designed to meet of exceed applicable portions of MIL-E-5400. Operating temperature is -55°C to 125°C (see chart for derating temperatures).

All dimensions in inches.

Specifications subject to change with out notice.

**Outline Drawing** 



100200-4Y100-2 (097) Rev C

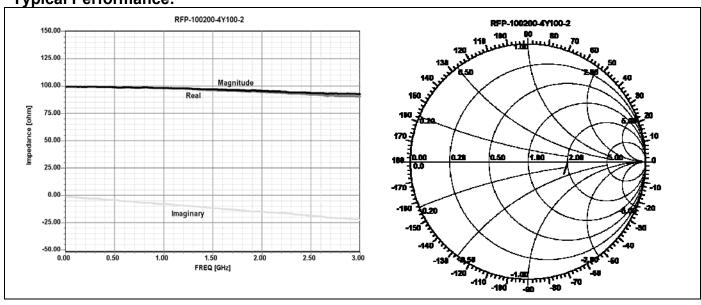






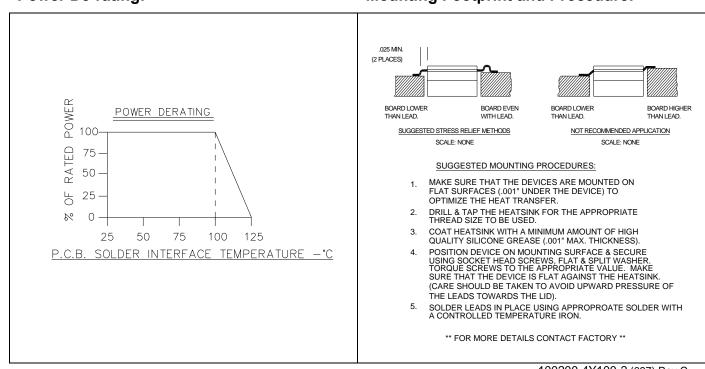


**Typical Performance:** 



## Power De-rating:

# **Mounting Footprint and Procedure:**



100200-4Y100-2 (097) Rev C

USA/Canada: Toll Free: Europe:

(315) 432-8909 (800) 544-2414 +44 2392-232392

Available on Tape and Reel For Pick and Place Manufacturing.

