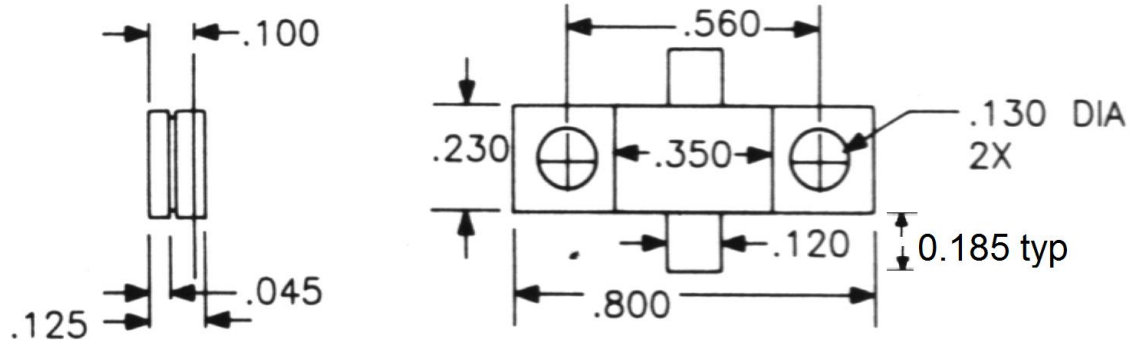


HIGH POWER BRAZED RESISTOR

Part Series: 1B150xxx-x

RFT Resistors offer a significant advantage over the competition in power handling capability due to superior power derating. RFT uses a proprietary high temperature brazing process to attach the ceramic substrate to the mounting flange. This technique reduces the average temperature of the thin film resistive element and higher operating temperature.




| Electrical Specifications | | Material Specifications | | General Specifications | |
|---------------------------------|------------------------------|--------------------------|----------------------------|--------------------------------|--|
| Marking | RFT (Lot number) 1B150xxx | Substrate | BeO | Mechanical Tolerance | ±.010" |
| Power (Watt) | 100 | Flange | Copper with Nickel Plating | Resistance Tolerance -x | ±1-5% Typical Add -1 or -2 for specific tolerance |
| Resistance (Ohm) xxx | 10-200 | Tab | Nickel with Silver plating | Power Handling | 100 % @ 100°C 0 % @ 250°C |
| Frequency (GHz) | 3 | Cover | Alumina | Construction | Brazed |
| Capacitance (pF Typical) | 1.5 | Resistive Element | NiCr | RoHS Compliance | Yes |

All dimensions are in inches. Specifications are subject to change without notice.

FEATURES:

High Operating Temperature
High Power Dissipation
100% Inspected & Dc Tested
Laser Trimmed To Tighter Tolerance

Military Qualified
Lowest Thermal Resistance
Brazed Tab
Superior Tab Flexibility & Strength

| | | | |
|---|--------------------|----------------------|--------|
|  | CAGE CODE 0NR42 | 150W Resistor | |
| | | Dwg. No:1B150xxx | Rev. A |