

Power

Chip Termination 150 Watts, 50Ω

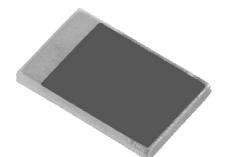
(315) 432-8909

+44 2392-232392

(800) 544-2414

Toll Free:

Europe:



Features:

- DC 1.0 GHz •
- 150 Watts .
- **BeO Ceramic** .
- **Non-Nichrome Resistive** . Element

What'll we think of next?

- Low VSWR
- 100% Tested

General Specifications

Resistive Element	Thick film
Substrate	Beryllium oxide ceramic
Terminals	Thick film silver

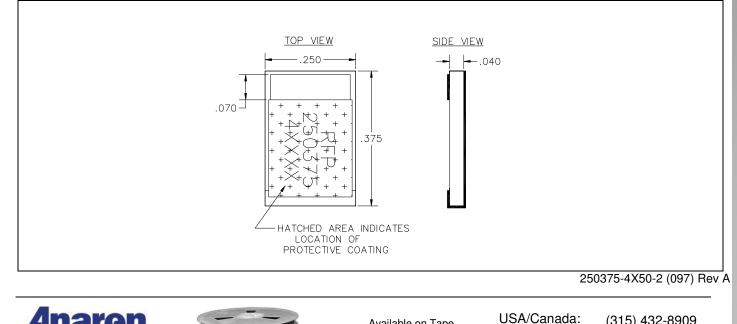
Electrical Specifications

Resistance Range:	50 ohms, ± 2%
Frequency Range;	DC – 1.0 GHz
Power:	150 Watts
VSWR	1.20:1 DC – 1.0 GHz

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 150ºC (see chart for derating temperatures). All dimensions in inches.

Specifications subject to change with out notice.

Outline Drawing



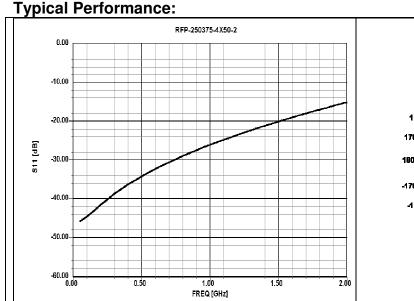
Available on Tape

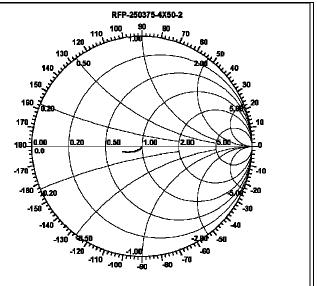
and Reel For Pick and

Place Manufacturing.



Power





Power De-rating:

Mounting Footprint and Procedure: SOLDER SOLE PC BOAR POWER DERATING HEATSINK MOUNTING PROCEDURE 100 RATED POWER 75 SUGGESTED MOUNTING PROCEDURES: 50 MAKE SURE THAT THE DEVICES ARE MOUNTED ON 1. FLAT SURFACES (.001" UNDER THE DEVICE) TO 25 ЧO OPTIMIZE THE HEAT TRANSFER. DRILL & TAP THE HEATSINK FOR THE APPROPRIATE THREAD SIZE TO BE USED. 2. 8 0 COAT HEATSINK WITH A MINIMUM AMOUNT OF HIGH QUALITY SILICONE GREASE (.001" MAX. THICKNESS). 3. 25 50 75 100 125 150 POSITION DEVICE ON MOUNTING SURFACE & SECURE USING SOCKET HEAD SCREWS, FLAT & SPLIT WASHER. TORQUE SCREWS TO THE APPROPRIATE VALUE. MAKE SURE THAT THE DEVICE IS FLAT AGAINST THE HEATSINK. 4. P.C.B. SOLDER INTERFACE TEMPERATURE-C (CARE SHOULD BE TAKEN TO AVOID UPWARD PRESSURE OF THE LEADS TOWARDS THE LID). SOLDER LEADS IN PLACE USING APPROPROATE SOLDER WITH A CONTROLLED TEMPERATURE IRON. 5. ** FOR MORE DETAILS CONTACT FACTORY ** 250375-4X50-2 (097) Rev A

USA/Canada: Toll Free: Europe:

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

Available on Tape and Reel For Pick and Place Manufacturing.



Mouser Electronics

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