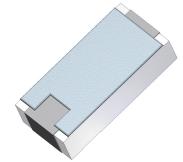


RF Power

Surface Mount Termination 10 Watts, 50Ω



Features:

- DC 3.0 GHz •
- 10 Watts
- **BeO Ceramic** .
- **Non-Nichrome Resistive** . Element
- 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 – 3.0 GHz
Power:	10 Watts
VSWR	1.25:1 DC – 3.0 GHz

Europe:

+44 2392-232392

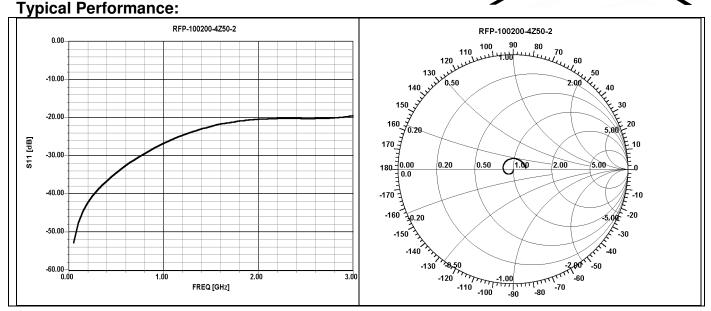
Note: Tolerance is ±0.010", unless otherwise specified. Designed to meet of exceed applicable portions of MIL-E-5400. Operating temperature is -55°C to 125ºC (see chart for derating temperatures). All dimensions in inches.

Specifications subject to change with out notice.

Outline Drawing .040-.100 .200 HATCHED AREA INDICATES .035 LOCATION OF PROTECTIVE .020 BACK VIEW SIDE VIEW TOP VIEW COATING 100200-4Z50-2 (097) Rev C USA/Canada: (315) 432-8909 Available on Tape Toll Free: (800) 544-2414 and Reel For Pick and What'll we think of next? Place Manufacturing.



F Power



Power De-rating:

HEAT MOUNTING PROCEDURE POWER DERATING 100 POWER SUGGESTED MOUNTING PROCEDURES: 75 MAKE SURE THAT THE DEVICES ARE MOUNTED ON FLAT SURFACES (.001" UNDER THE DEVICE) TO OPTIMIZE THE HEAT TRANSFER. RATED 1. 50 25 DRILL & TAP THE HEATSINK FOR THE APPROPRIATE THREAD SIZE TO BE USED. PР 2. 8 COAT HEATSINK WITH A MINIMUM AMOUNT OF HIGH QUALITY SILICONE GREASE (.001" MAX. THICKNESS). 0 З. DOULT Y SILICONE GREASE (JUT MAX. THICKNESS). 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. (CARE SHOULD BE TAKEN TO AVOID UPWARD PRESSURE OF 75 100 25 50 125 4. P.C.B. SOLDER INTERFACE TEMPERATURE C THE LEADS TOWARDS THE LID). SOLDER LEADS IN PLACE USING APPROPROATE SOLDER WITH A CONTROLLED TEMPERATURE IRON. 5. ** FOR MORE DETAILS CONTACT FACTORY **

100200-4Z50-2 (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.



Mounting Footprint and Procedure:

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Anaren: 100200-4Z50-2