

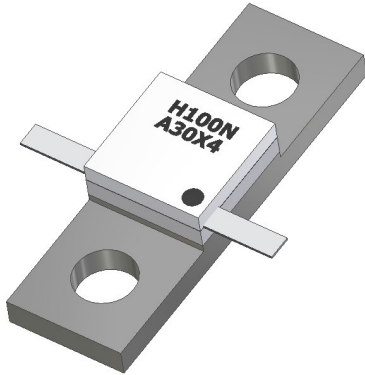
Anaren

RF Power

**RoHS
Compliant**

Model H100NA30X4

**ATTENUATOR
FULL FLANGE
100 Watts, 30dB**



General Specifications

Resistive Element	Thick film
Substrate	ALN ceramic
Cover	Alumina Ceramic
Mounting Flange	Copper, Nickel plated per QQ-N-290
Lead(s):	99.99% pure silver (.006" thick)

Electrical Specifications

Attenuation Range:	30 dB \pm 2.5 dB to 2.7 GHz
Frequency Range;	DC – 2.7 GHz
Power:	100 Watts
VSWR:	24 dB to 2.2 GHz 20 dB to 2.7 GHz

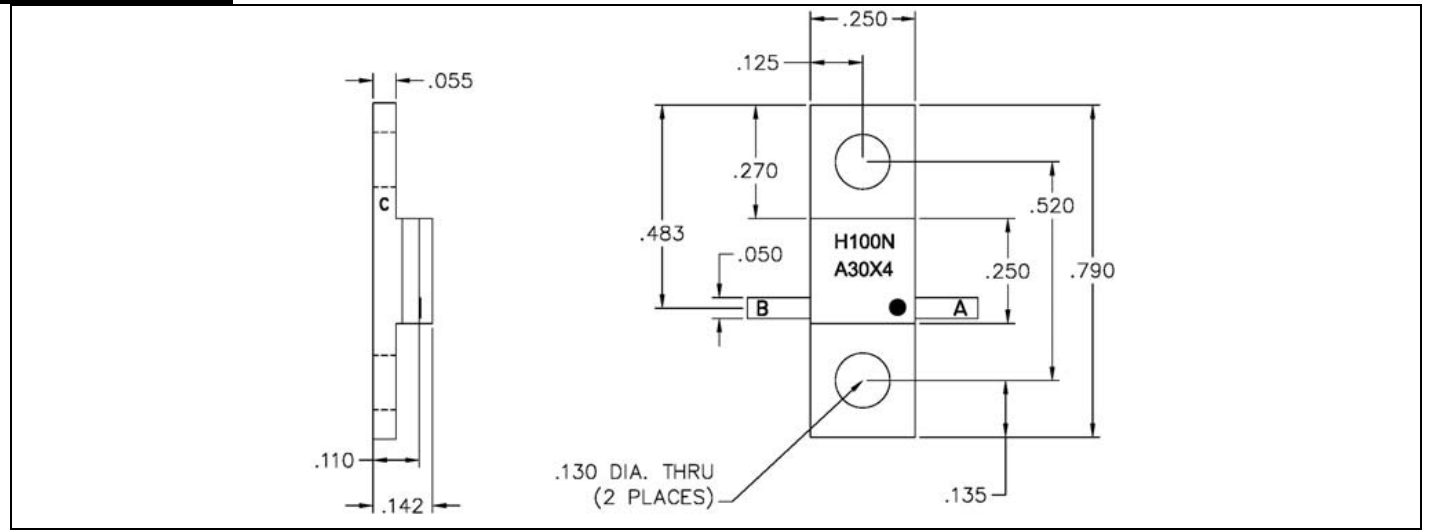
Note: Tolerance is ± 0.010 ", unless otherwise specified. Designed to meet or exceed applicable portions of MIL-E-5400. Operating temperature is -55°C to 150°C (see chart for derating temperatures). All dimensions in inches.

Specifications subject to change with out notice.

Features:

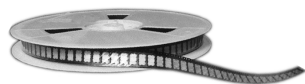
- DC –2.7 GHz
- 100 Watts
- ALN Ceramic
- Non-Nichrome Resistive Element
- Low VSWR
- Welded Silver Leads
- 100% Tested
- RoHS Compliant

Outline Drawing



H100NA30X4 (097) Rev C

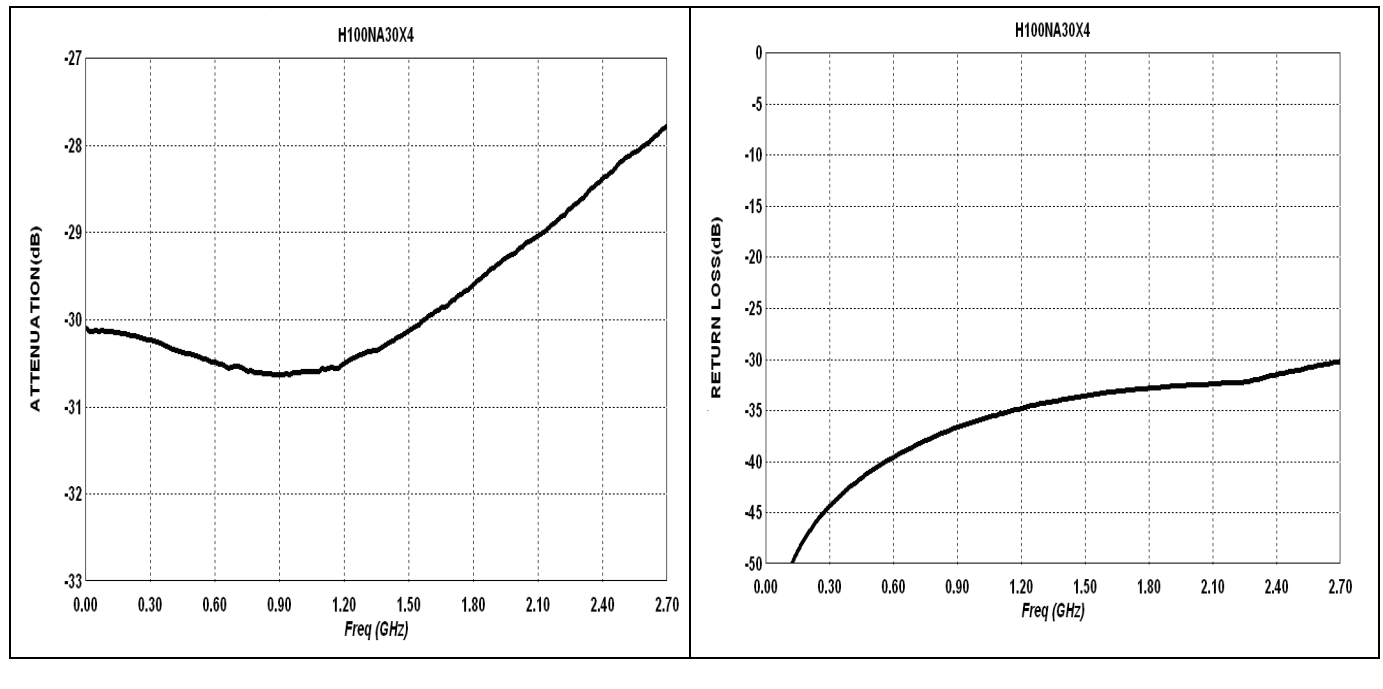
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What'll we think of next?™



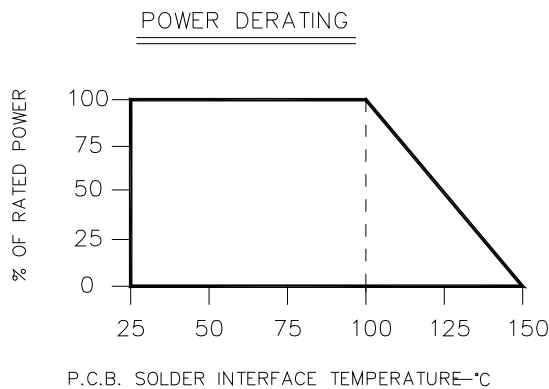
Available on Tape
and Reel For Pick and
Place Manufacturing.

USA/Canada: (315) 432-8909
Toll Free: (800) 544-2414
Europe: +44 2392-232392

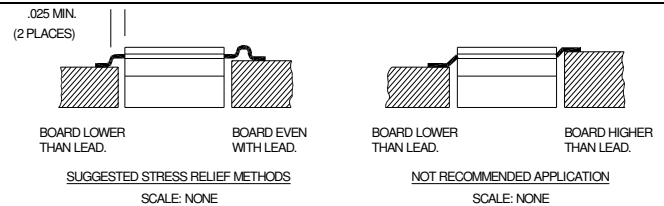
Typical Performance:



Power De-rating:



Mounting Footprint and Procedure:



SUGGESTED MOUNTING PROCEDURES:

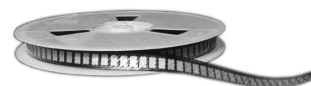
1. MAKE SURE THAT THE DEVICES ARE MOUNTED ON FLAT SURFACES (.001" UNDER THE DEVICE) TO OPTIMIZE THE HEAT TRANSFER.
2. DRILL & TAP THE HEATSINK FOR THE APPROPRIATE THREAD SIZE TO BE USED.
3. COAT HEATSINK WITH A MINIMUM AMOUNT OF HIGH QUALITY SILICONE GREASE (.001" MAX. THICKNESS).
4. POSITION DEVICE 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 THE LEADS TOWARDS THE LID).
5. SOLDER LEADS IN PLACE USING APPROPRIATE SOLDER WITH A CONTROLLED TEMPERATURE IRON.

** FOR MORE DETAILS CONTACT FACTORY **

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