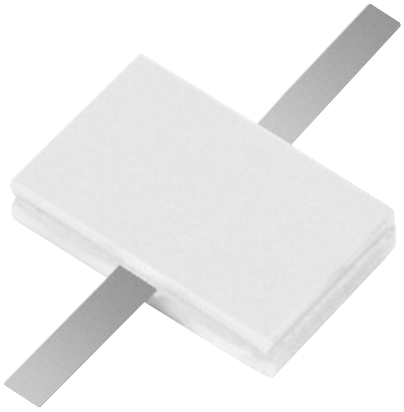
Anaren

RF Power

Model RFP-100-XXAF

Flangeless Attenuators

100 Watts



Features

- DC - 2.5 GHz
- 100 Watts
- BeO Ceramic
- Welded Silver Leads
- Non-Nichrome Resistive Element
- Low VSWR
- 100% Tested

General Specifications

Resistive Element:	Thick film
Substrate:	Beryllium oxide ceramic
Cover:	Alumina ceramic
Lead(s):	99.99% pure silver (.005” thk)

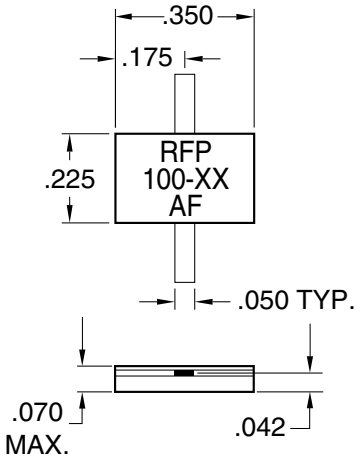
Electrical Specifications

Attenuation Value:	1, 2, 3, 4, 5, 6, 9, 10, 20 or 30 dB
Frequency Range:	DC - 2.5 GHz
Power:	100 Watts

Notes: Tolerance is ±.010, unless otherwise specified. Operating temperature is -55°C to +150°C (see chart). Designed to meet or exceed applicable portions of MIL-E-5400. All dimensions are in inches. Lead length 0.15” minimum.

Specifications subject to change without notice.

Outline Drawing



Note: XX denotes attenuation value.

VER. 12/5/01

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What’ll we think of next?™

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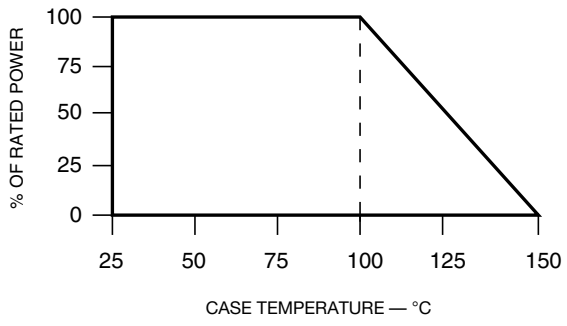
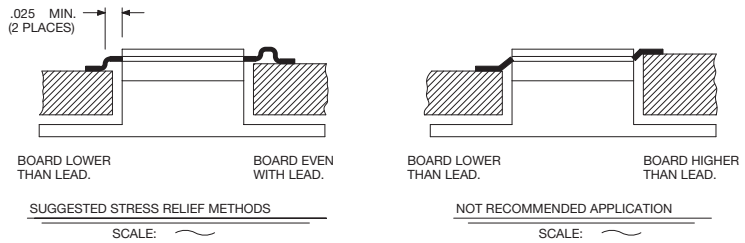
Specifications

PART NUMBER	ATTENUATION (dB)	TOL. (+/-dB)	POWER (WATTS)	VSWR	FREQ. (GHz)
RFP-100-1AF	1	0.40	100	1.45:1	1.0
RFP-100-2AF	2	0.40	100	1.40:1	1.0
RFP-100-3AF	3	0.40	100	1.35:1	1.0
RFP-100-4AF	4	0.30	100	1.30:1	1.0
RFP-100-5AF	5	0.30	100	1.25:1	1.0
RFP-100-6AF	6	0.30	100	1.20:1	1.0
RFP-100-9AF	9	0.30	100	1.20:1	1.0
RFP-100-10AF	10	0.75	100	1.25:1	2.0
RFP-100-20AF	20	0.50	100	1.20:1	2.5
RFP-100-30AF	30	2.00	100	1.30:1	2.0

Power Derating



Suggested Mounting Procedures



1. Make sure that the devices are mounted on flat surfaces (.001” under the device) to optimize the heat transfer.
2. Position device on mounting surface and solder in place using an indalloy type or an SN63 type solder.
3. Solder leads in place using an SN63 type solder with a controlled temperature iron (210°C).

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