

General Specifications

Resistive Element:	Thick film
Substrate:	Alumina ceramic
Terminals:	Thick film silver
Resistance Value:	50 ohm, ±2%

Notes: Tolerance is ±.010, unless otherwise specified. Operating temperature is -55°C to +125°C (see chart). Designed to meet or exceed applicable portions of MIL-E-5400. All dimensions are in inches.

Specifications subject to change without notice.

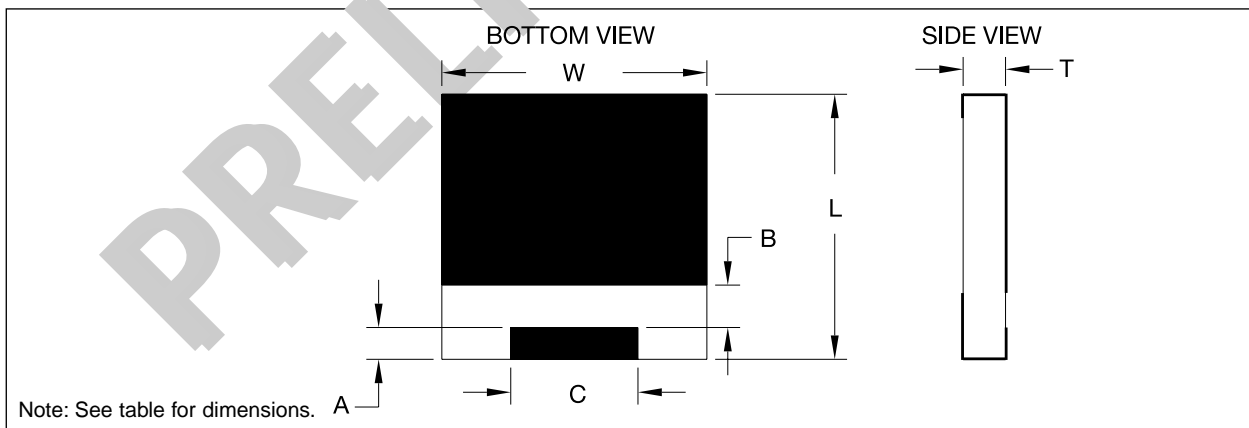
Features

- DC - 4.0 GHz
- 8-18 Watts
- Low Cost
- Alumina Ceramic
- Non-Nichrome Resistive Element
- 100% Tested

Dimensions

PART NUMBER	WIDTH	LENGTH	THK.	A	B	C
RFP-060120A15Z50	0.060	0.120	0.015	0.020	0.030	0.055
RFP-100200A25Z50	0.100	0.200	0.025	0.020	0.035	0.100
RFP-250250A4Z50	0.250	0.250	0.040	0.030	0.035	0.120
RFP-250375A4Z50	0.250	0.375	0.040	0.030	0.035	0.135
RFP-375250A4Z50	0.375	0.250	0.040	0.030	0.035	0.135
RFP-375375A4Z50	0.375	0.375	0.040	0.030	0.035	0.135

Outline Drawing



Available on Tape and Reel for Pick and Place Manufacturing.

Alumina Terminations

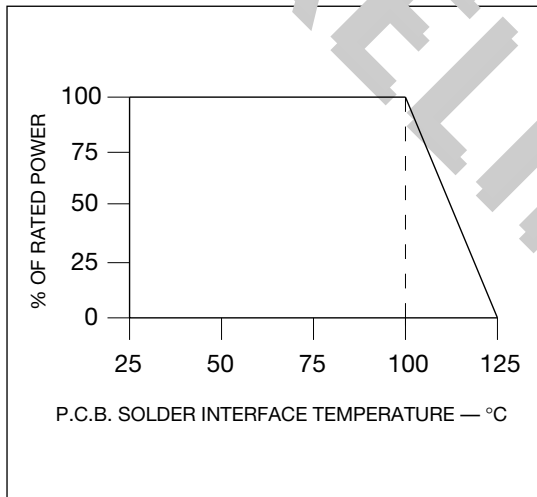
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RF Power

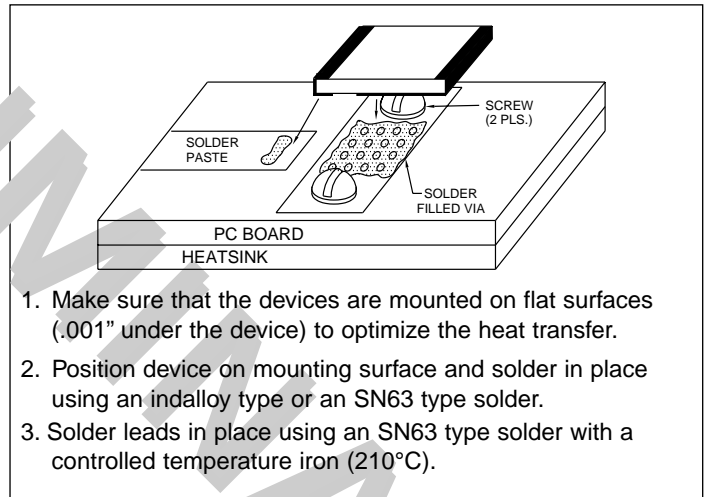
Typical Performance

PART NUMBER	VALUE (OHM)	POWER (WATTS)	MAX VSWR	FREQ. (GHz)
RFP-060120A15Z50	50	8	1.25:1	4.0
RFP-100200A25Z50	50	10	1.25:1	3.0
RFP-250250A4Z50	50	12	1.25:1	3.0
RFP-250375A4Z50	50	15	1.25:1	3.0
RFP-375250A4Z50	50	15	1.25:1	2.5
RFP-375375A4Z50	50	18	1.25:1	2.5

Power Derating



Suggested Mounting Procedures



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