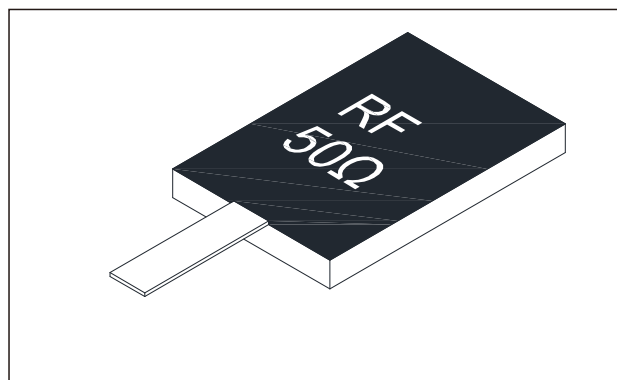




Rated power: 10-400W;

Resistance tolerance: $\pm 5\%$, $\pm 2\%$,

Temperature coefficient: $< 150\text{ppm}/^{\circ}\text{C}$

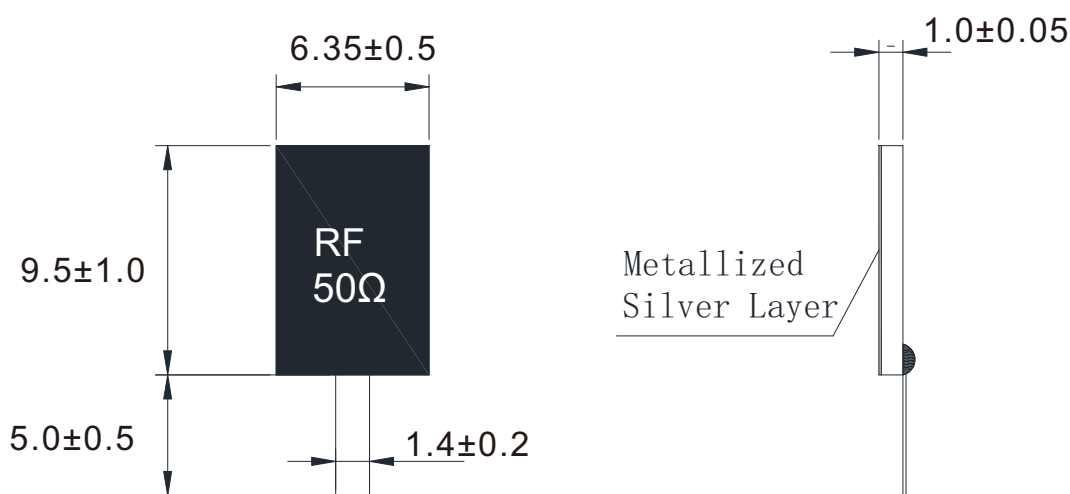
Working temperature: -55°C to $+150^{\circ}\text{C}$

ROHS standard: Compliant with

Lead length: L as specified in the specification sheet

(can be customized according to customer requirements)

● Dimensions



Lead length can be customized according to customer requirements

Dimensional tolerance: 5% unless otherwise stated

● Ordering Information

Example:

RF	150	J	50R00
(1)	(2)	(3)	(4)
Series Name	Power Rating	Resistance Tolerance	Resistance

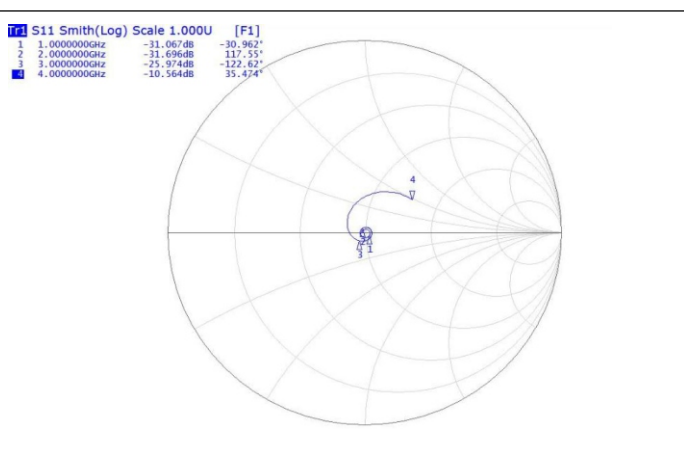
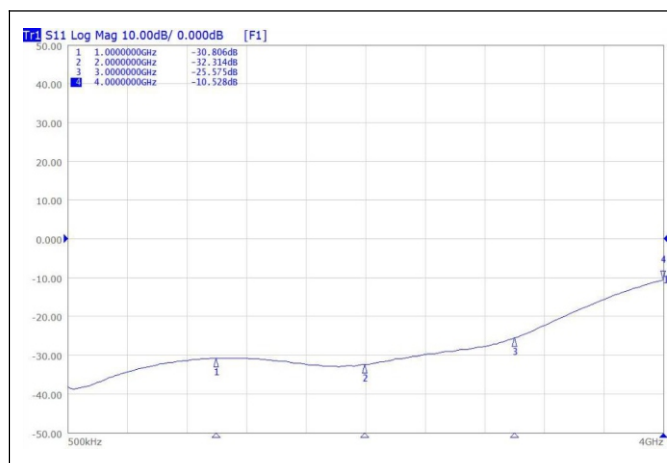
(1) Type: RF SERIES

(2) Power Rating: 150=150W

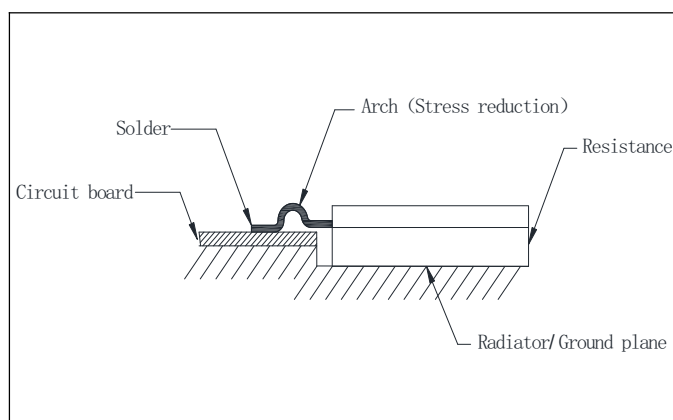
(3) Tolerance: G = $\pm 2\%$, J = $\pm 5\%$

(4) Resistance Value: 50R00 = 50 Ω , 100K0 = 100K Ω , 1M0 = 1M Ω

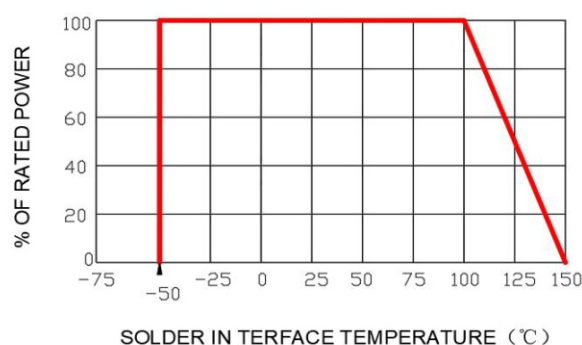
Typical Performance



Installation method

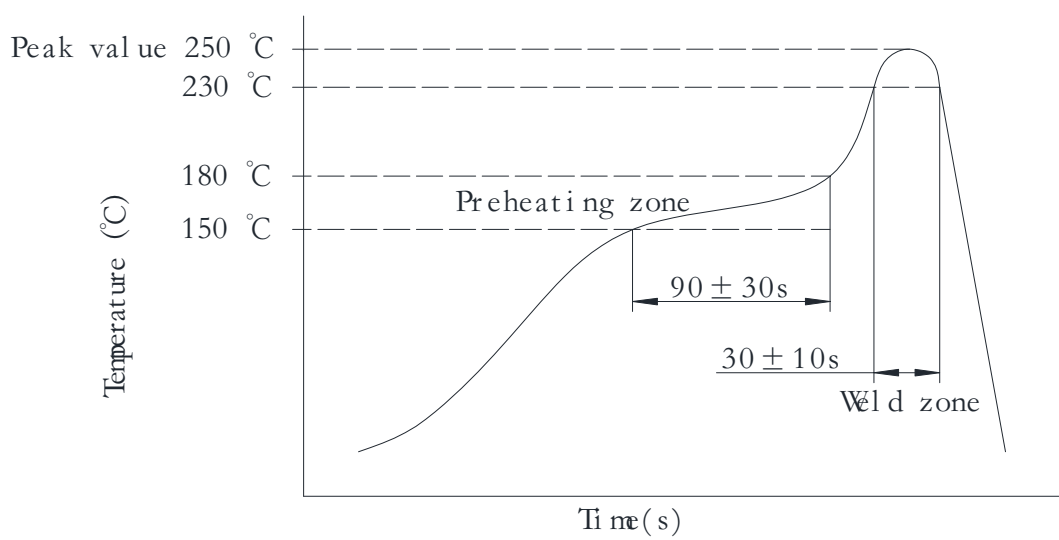


Power Derating Curve



Actual performance could be limited by the solder properties of the application

Reflow time and temperature diagram



● Features and Electrical specifications

Model	RF50N-150TJ6395
Frequency Range	DC~3.0GHz
Power	150 W
Resistance Range	50 Ω
Resistance tolerance	$\pm 2\%$, $\pm 5\%$
VSWR	1.20 Max
Temperature coefficient	<150ppm/°C
Substrate material	AlN
Cap material	Medium
Lead	99.99% Sterling silver
Resistance technology	Thick Film
Operating Temperature	-55 to +155° C (See de Power De-rating)