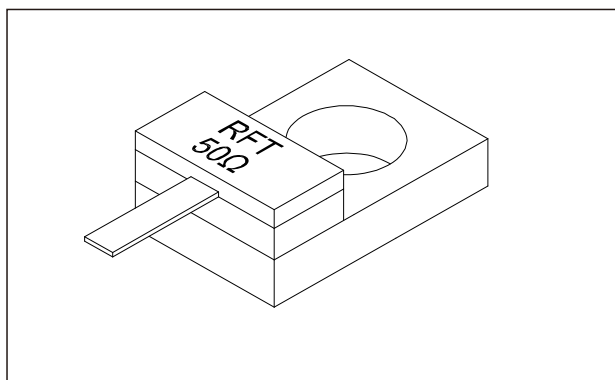




Rated power: 10-400W;

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

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

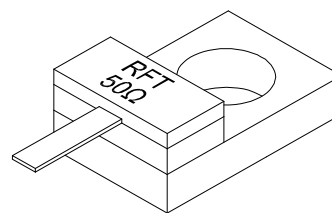
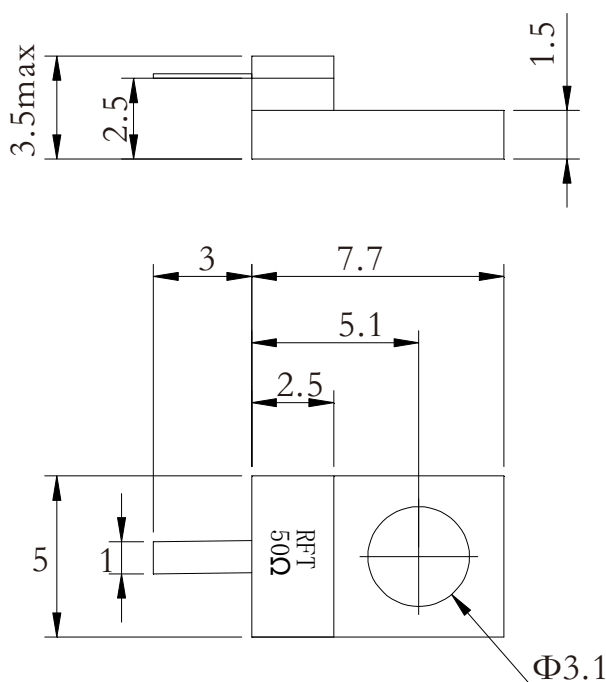
Working temperature: -55°C to $+150^{\circ}\text{C}$

ROHS standard: Compliant with

Lead length: L as specified in the specification sheet

(can be customized according to customer requirements)

● Dimensions



● ordering Information

Example:

RFT	20	J	50R00
(1)	(2)	(3)	(4)
Series Name	Power Rating	Resistance Tolerance	Resistance

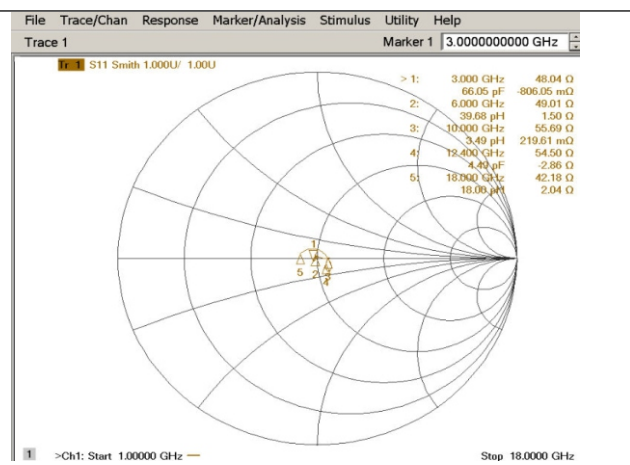
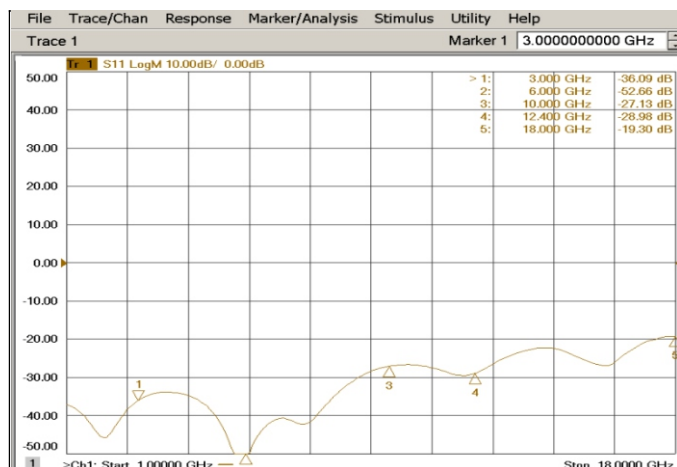
(1)Type: RFT SERIES

(2)Power Rating: 20=20W

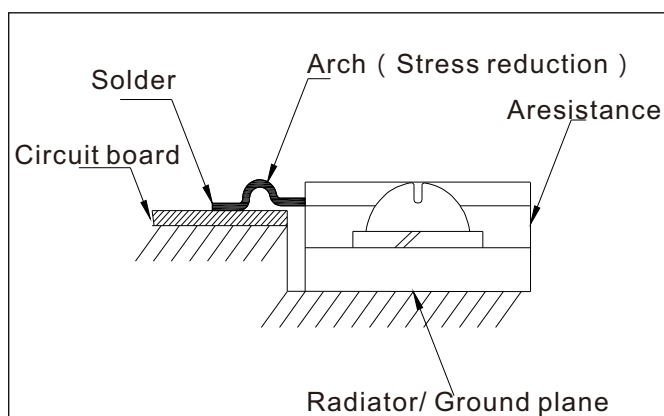
(3)Tolerance:G= $\pm 2\%$, J= $\pm 5\%$

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

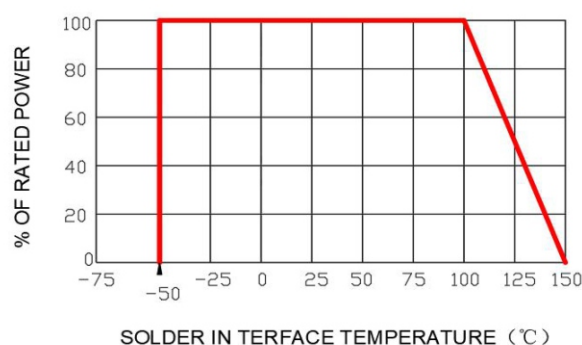
Typical Performance



Installation method

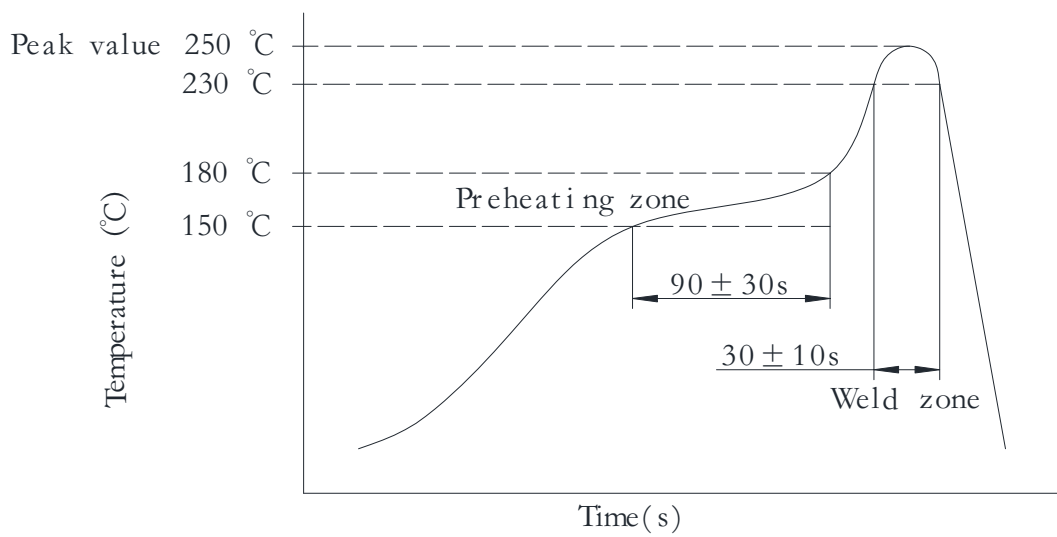


Power Derating Curve



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

Reflow time and temperature diagram



● Features and Electrical specifications

Model	RFT20J50R00
Frequency Range	DC~18GHz
Power	20W
Resistance Range	50 Ω
Resistance tolerance	$\pm 5\%$
VSWR	1.30 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)