

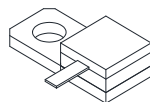
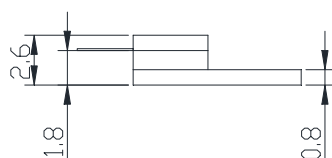


Flanged Termination

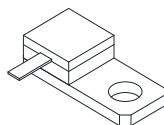
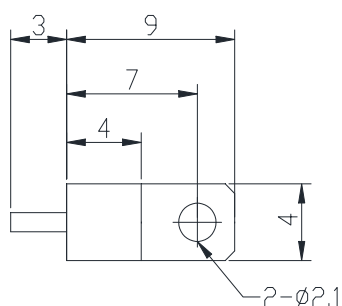
◆ Features and Electrical specifications:

Model	RFT50A-10TM0904(R,L,I)
Frequency Range	DC~6.0GHz
Power	10 W
Resistance Range	50 Ω
Resistance tolerance	±5%
VSWR	1.20 max
Temperature coefficient	<150ppm/°C
Substrate material	Al ₂ O ₃
Cap material	Al ₂ O ₃
Flange	Nickel-plated copper
Lead	99.99% Sterling silver
Resistance technology	Thick Film
Operating Temperature	-55 to +155°C (See de Power De-rating)

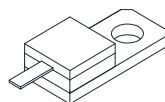
◆ Outline Drawing (Unit: mm/inch):



Model: RFT50A-10TM0904R



Model: RFT50A-10TM0904L



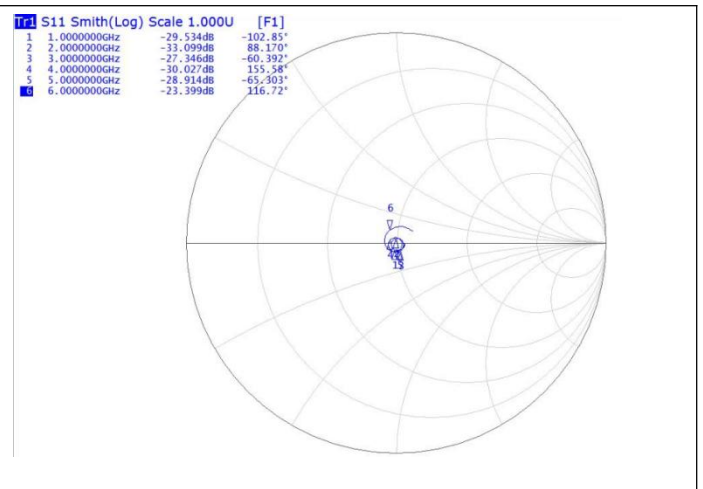
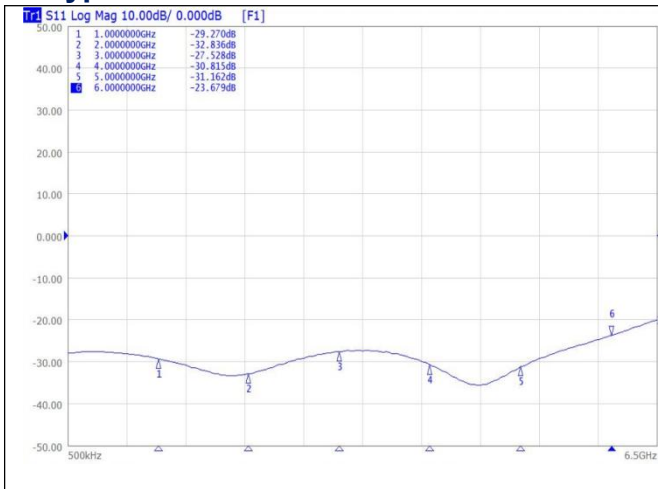
Model: RFT50A-10TM0904I

Lead length can be customized according to customer requirements

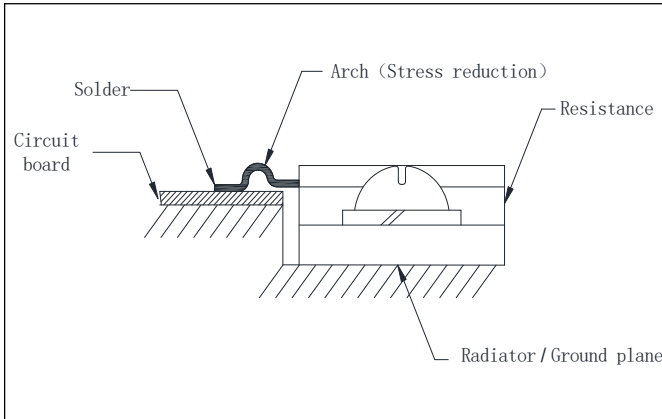
Dimensional tolerance: 5% unless otherwise stated



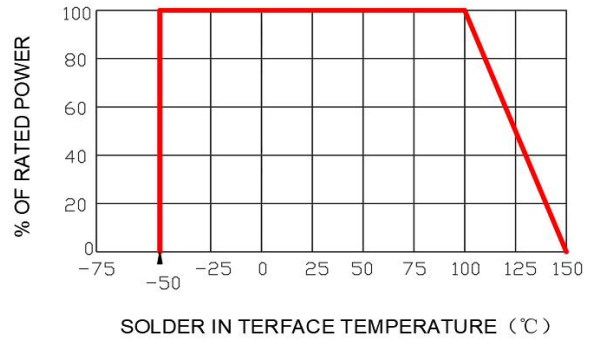
◆Typical Performance:



◆Installation method:

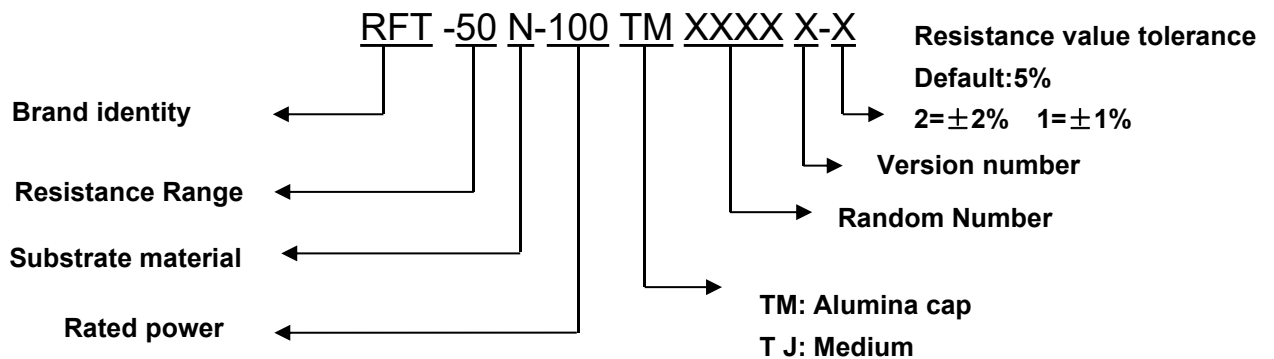


◆Power De-rating:



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

◆P/N Designation:





◆ **Matters needing attention**

- After the storage period of newly purchased parts exceeds 6 months, attention should be paid to weldability before use. It is recommended to store in vacuum packaging.
- The ground requires optimal heat transfer.
- Manual welding should be used under a constant temperature soldering iron of no more than 350 degrees, and the welding time should be controlled within 5 seconds.
- In order to meet the requirements of the drawing, it is necessary to install a sufficiently large radiator. Metal surfaces and radiators need to be coated with a very thin layer of thermal grease.
- Add air cooling or water cooling if necessary

◆ **Description:**

- Custom designed RF attenuators, RF resistors and RF terminals are available.