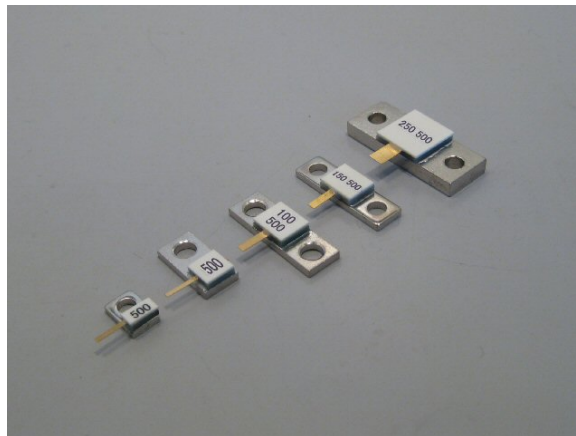


## マイクロ波ターミネーション RFT

10W, 50W, 80W, 100W, 150W, 200W

250W

## FLANGED POWER TERMINATIONS, RFT



## 特長用途

DC-4GHz、10W-600W フランジターミネーション。  
 高熱伝導の窒化アルミ基板を使用した小型、広帯域ターミネーション。  
 スパッタ薄膜テクノロジーによる機械的強度に優れたターミネーション。公称特性インピーダンスは 50ohm、DC 抵抗値許容差は ±1%。  
 多様な寸法、裏の放熱電極構造、1個ないし2個にてねじ止めするフランジ型を標準化。  
 抵抗膜は Ni-Cr 合金であり長期間の耐久性、優れた周囲温度依存性を発揮。  
 アイソレータ、サーキュレータ、基地局送信機、高出力高周波電源装置、高出力マイクロ波電力増幅器など。

## Features:

High power flanged termination for all DC up to 4GHz applications.  
 Small size and wide frequency range specifications realized with through large heat conducting ALN substrate.  
 Sufficient mechanical strength metallization from spattered thin film technology.  
 50ohm resistance with tolerance 1%, and terminations include chips and many style flange provided as standard, and other resistance and power available.  
 Long life and temperature stability are shown by a result of Ni-Cr thin film technology.

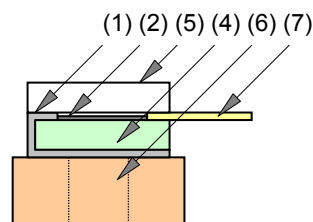
Applications: Termination for isolator/circulators, Fixed station of mobile communication electronics, High power microwave amplifiers

## Ordering Information

| Type   | Style | TCR     | Resistance | Tolerance | RoHS/Package |
|--------|-------|---------|------------|-----------|--------------|
| RFT050 | 120   | C       | 500        | F         | Z00          |
| RFT010 | 100   | C       | 50 Ohm     | F         | Z00          |
| RFT050 | 110   | (50ppm) |            | (1.0%)    |              |
| RFT080 | 120   |         |            |           |              |
| RFT100 | 130   |         |            |           |              |
| RFT150 | 140   |         |            |           |              |
| RFT200 |       |         |            |           |              |
| RFT250 |       |         |            |           |              |

## 仕様・性能 Performance Specifications

| Type   | Rated Power (W) | Heat Resistance (deg C/W) | VSWR 500MHz | VSWR 1GHz | VSWR 2GHz |
|--------|-----------------|---------------------------|-------------|-----------|-----------|
| RFT010 | 10              | 6.5                       | ---         | 1.15      | ---       |
| RFT050 | 50              | 2.5                       | ---         | 1.15      | ---       |
| RFT080 | 80              |                           | ---         | 1.20      | ---       |
| RFT100 | 100             | 1.3                       | ---         | 1.20      | ---       |
| RFT150 | 150             |                           | ---         | 1.30      | ---       |
| RFT200 | 200             |                           | ---         |           | ---       |
| RFT250 | 250             | 0.5                       | ---         | 1.30      | ---       |

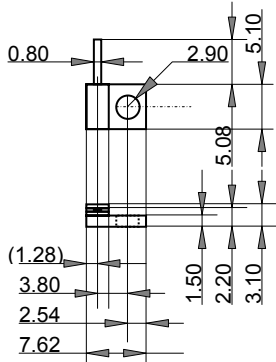


|     | Substance         | Material         |
|-----|-------------------|------------------|
| (1) | Cold end Terminal | Tin plated Ni-Cu |
| (2) | Resistive         | Ni-Cr            |
| (3) | Substrate         | ALN              |
| (4) | Hot end Terminal  | Tin plated Ni-Cu |
| (5) | Cover             | ALO              |
| (6) | Flange            | Ni plated Cu     |
| (7) | Beam Lead         | Au plated Cu     |

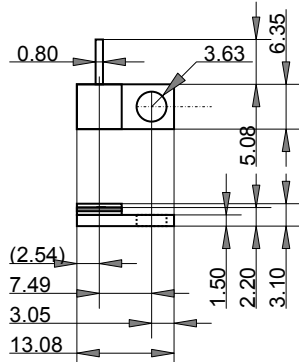
マイクロ波ターミネーション RFT

10W, 50W, 80W, 100W, 150W, 200W、250W, TERMINATIONS RFT

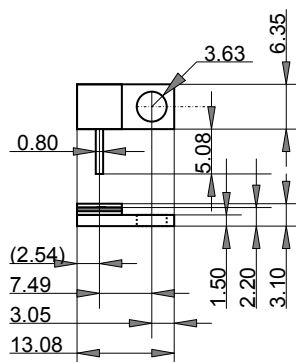
外形・寸法 Style and Dimension (mm)



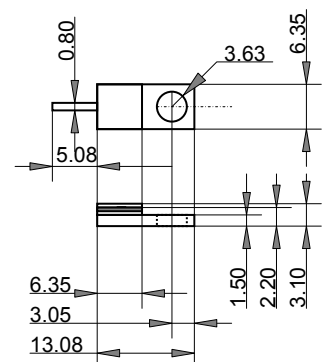
RFT010 120



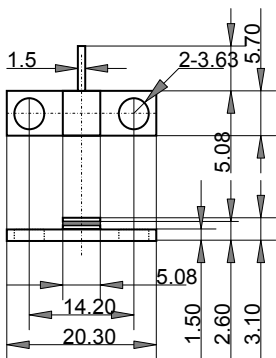
RFT050 120  
RFT080 120



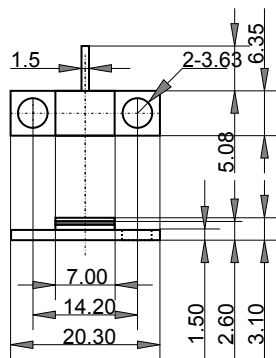
RFT050 130  
RFT080 130



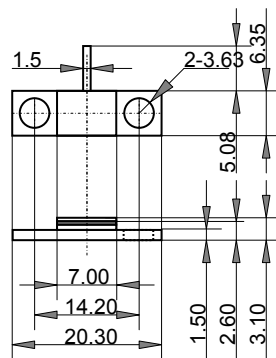
RFT050 140  
RFT080 140



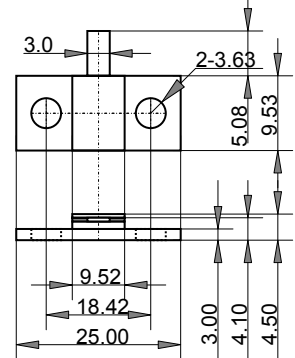
RFT050 110



RFT100 110

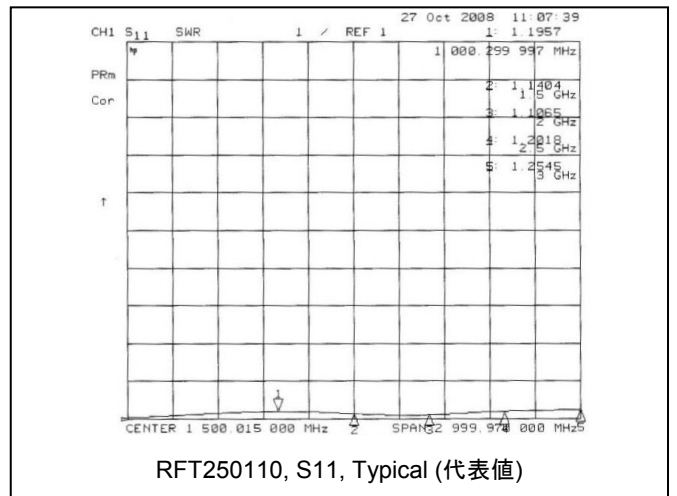
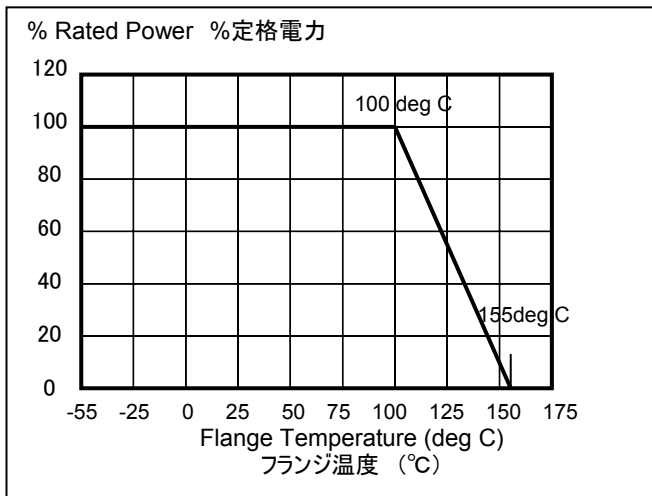


RFT150 110



RFT250 110

このデータシートの外形寸法には公差が記載されていません。厳密な寸法等を必要とされる場合は、製品規格仕様書をお取り寄せになって設計を行ってください。email: info@nikkohm.co.jp



RFT250110, S11, Typical (代表値)

Note: RoHS 2011/65/EU conformity.

Country origin, Aomori Pref. Japan

注記: この製品は、RoHS 2011/65/EU に適合します。この製品の生産国は、日本青森県です。