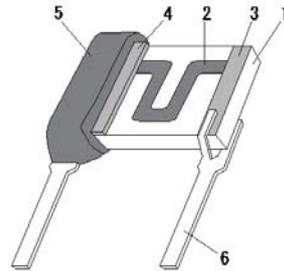


RF・FLNタイプ

■構造図

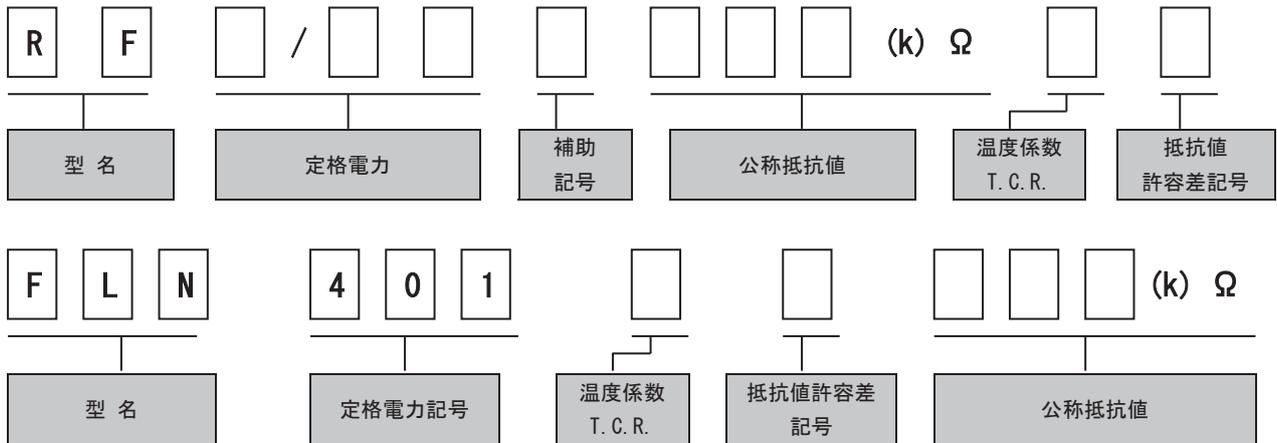
■特長

- ・角板形状で絶縁型のため高密度実装可能
- ・温度係数及び電流雑音が小さく、周波数特性に優れています。
- ・経年変化が小さい高信頼性精密抵抗器です。

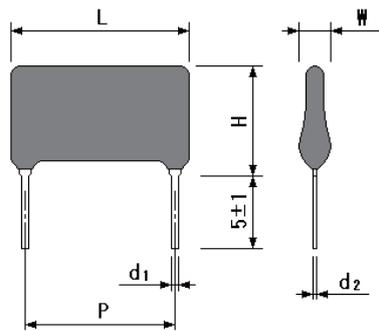


1. 高純度アルミナ基板
2. 抵抗皮膜 (Ni-Cr系)
3. 電極 (Cu系+鉛フリーはんだ)
4. 内部保護膜
5. 保護外装 (難燃性エポキシ樹脂)
6. リードフレーム (Sn 100%めっき)

■品番呼称方法

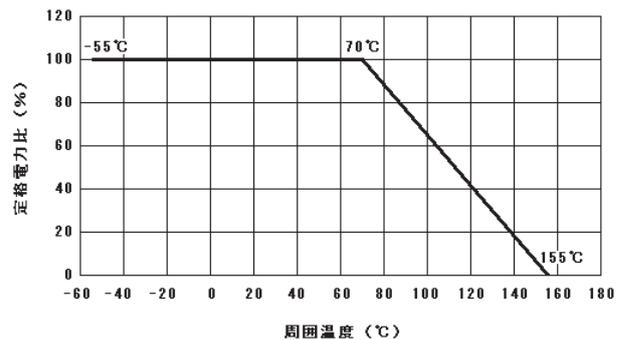


■形状図



■負荷軽減曲線

周囲温度 70℃以上で使用される場合は、下図負荷軽減曲線に従って定格電力を軽減してください。



■寸法

| 型名 シリーズ | 寸法 (mm) | | | | | |
|------------|----------------|---------|----------|-----------|---------|----------|
| | L | W | H | P | d1 | d2 |
| RF1/10H | 5.0±0.5 | 2.2±0.5 | 7.5±0.5 | 2.54±0.2 | 0.5±0.1 | 0.3±0.03 |
| RF1/8N | 7.5±0.5 | 2.2±0.5 | 7.0±0.5 | 5.08±0.2 | 0.5±0.1 | 0.3±0.03 |
| RF1/4N | 10.0±0.5 | 2.2±0.5 | 8.0±0.5 | 7.62±0.2 | 0.5±0.1 | 0.3±0.03 |
| FLN401 | 7.5±0.5 | 2.2±0.5 | 8.0±0.5 | 5.08±0.2 | 0.5±0.1 | 0.3±0.03 |
| RF1/2N | 12.5±0.5 | 2.2±0.5 | 10.0±0.5 | 10.16±0.2 | 0.5±0.1 | 0.3±0.03 |
| RF1/2E | 17.5±0.5 | 2.2±0.5 | 8.0±0.5 | 15.24±0.2 | 0.5±0.1 | 0.3±0.03 |
| RF1 | 25.0 +1.0/-0.5 | 2.5±0.5 | 13.0±1.0 | 22.86±0.2 | 0.5±0.1 | 0.3±0.05 |
| RF2 | 22.5 +1.0/-0.5 | 2.5±0.5 | 17.0±1.0 | 20.32±0.2 | 0.5±0.1 | 0.3±0.05 |

角板形金属薄膜固定抵抗器



■ 定 格

| 型名 シリーズ | 定格電力 @70°C (W) | 最高 使用電圧 (V) 注1) | 抵抗値 許容差 (%) | 標準抵抗値 | 抵抗温度係数 T. C. R. (ppm/°C) | 抵抗値範囲 (Ω) | |
|------------|----------------------|-----------------------|--|-------|--------------------------------|-----------|------|
| | | | | | | min. | max. |
| RF1/10H | 0.1 (1/10) | 100 | ±0.01 (T), ±0.02 (Q) | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 100k |
| | | | ±0.05 (A) | | ± 5 (P) | 20 | |
| | | | ±0.1 (B), ±0.25 (C) ±0.5 (D), ±1 (F) | | ±10 (Q), ±25 (R) | 10 | |
| | | | | | ± 5 (P) | 20 | |
| RF1/8N | 0.125 (1/8) | 250 | ±0.01 (T) ±0.02 (Q) | | ±10 (Q), ±25 (R) | 10 | 250k |
| | | | ±0.05 (A) | | ± 2 (M), ± 3 (N) | 50 | 500k |
| | | | | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 250k |
| | | | ±0.1 (B), ±0.25 (C) ±0.5 (D), ±1 (F) | | ± 2 (M), ± 3 (N) | 50 | 250k |
| | | | | | ± 5 (P) | 20 | 500k |
| | | | | | ±10 (Q), ±25 (R) | 10 | 500k |
| | | | | | ± 2 (M), ± 3 (N) | 50 | 250k |
| | | | | | ± 5 (P) | 20 | 500k |
| RF1/4N | 0.25 (1/4) | 300 | ±0.01 (T) ±0.02 (Q) | | ±10 (Q), ±25 (R) | 10 | 500k |
| | | | ±0.05 (A) | | ± 2 (M), ± 3 (N) | 50 | 1M |
| | | | | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 500k |
| | | | ±0.1 (B), ±0.25 (C) ±0.5 (D), ±1 (F) | | ± 2 (M), ± 3 (N) | 50 | 500k |
| | | | | | ± 5 (P) | 20 | 1M |
| | | | | | ±10 (Q), ±25 (R) | 10 | 1M |
| | | | | | ± 2 (M), ± 3 (N) | 100 | 100k |
| | | | | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 1M |
| FLN401 | 0.25 (1/4) | 300 | ±0.01 (T) ±0.02 (Q) | | ± 2 (M), ± 3 (N) | 100 | 100k |
| | | | ±0.05 (A), ±0.1 (B), ±0.25 (C), ±0.5 (D), ±1 (F) | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 1M |
| | | | | | ± 2 (M), ± 3 (N) | 100 | 100k |
| | | | | | ± 5 (P), ±10 (Q), ±25 (R) | 10 | 1M |
| RF1/2E | 0.5 (1/2) | 350 | ±0.01 (T) ±0.02 (Q) | | ± 2 (M), ± 3 (N) | 100 | 500k |
| | | | ±0.05 (A), ±0.1 (B), ±0.25 (C), ±0.5 (D), ±1 (F) | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 1M |
| | | | | | ±10 (Q), ±25 (R) | 50 | 3M |
| | | | | | ± 2 (M), ± 3 (N) | 100 | 500k |
| | | | | | ± 5 (P), ±10 (Q), ±25 (R) | 20 | 1M |
| | | | | | ±10 (Q), ±25 (R) | 10 | 3M |
| | | | | | ± 2 (M), ± 3 (N) | 50 | 500k |
| | | | | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 3M |
| RF1/2N | 0.5 (1/2) | 350 | ±0.01 (T) ±0.02 (Q) | | ± 2 (M), ± 3 (N) | 50 | 500k |
| | | | ±0.05 (A), ±0.1 (B), ±0.25 (C), ±0.5 (D), ±1 (F) | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 3M |
| | | | | | ± 2 (M), ± 3 (N) | 50 | 500k |
| | | | | | ± 5 (P) | 20 | 3M |
| RF1N | 1 | 500 | ±0.01 (T) ±0.02 (Q) | | ±10 (Q), ±25 (R) | 50 | 1M |
| | | | ±0.05 (A), ±0.1 (B), ±0.25 (C), ±0.5 (D), ±1 (F) | | ± 5 (P) | 20 | 1M |
| | | | | | ±10 (Q), ±25 (R) | 10 | 10M |
| | | | | | ± 5 (P) | 20 | 1M |
| RF2N | 2 | 500 | ±0.01 (T) ±0.02 (Q) | | ± 5 (P), ±10 (Q), ±25 (R) | 50 | 100k |
| | | | ±0.05 (A), ±0.1 (B), ±0.25 (C), ±0.5 (D), ±1 (F) | | ± 5 (P) | 20 | |
| | | | | | ±10 (Q), ±25 (R) | 10 | |

E-24
E-96
及び 2.5, 4,
5, 6, 7, 8, 9

注 1) 定格電圧 = $\sqrt{\text{定格電力} \times \text{公称抵抗値}}$ による算出値または、表中の最高使用電圧のいずれか小さい値が定格電圧となります。