



TF3000 Series Thick Film Resistor Networks

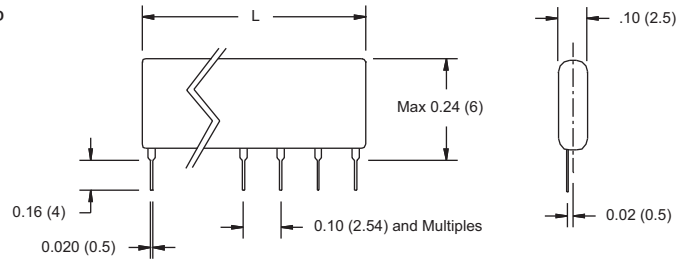
- Resistances from 25Ω to 10MΩ
- Tolerances to ± 1%
- Very Low Inductance
- Temperature Coefficient of ± 100ppm/°C
- Temperature Coefficient Tracking to ± 5ppm/°C
- Up to 9 Resistors



Riedon's thick film resistor networks are custom manufactured to your requirements. Careful choice of materials and rugged construction ensure a reliable component for high density, through-hole applications.

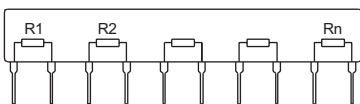
SPECIFICATIONS

| | | |
|-----------------------------------|-----------------------------------|------------|
| Resistance Tolerances - | >25Ω to 50Ω | ± 5% |
| | >50Ω to 100Ω | ± 2, 5% |
| | >100Ω to 1MΩ | ± 1, 2, 5% |
| | >1MΩ to 5MΩ | ± 2, 5% |
| | >5MΩ to 10MΩ | ± 5% |
| Temperature Coefficients - | ± 100 ppm/°C | |
| | TC Tracking - | < 5 ppm/°C |
| Insulation Resistance - | 50,000 MegΩ (Min.) | |
| Temperature Range - | -25°C to 125°C | |
| Voltage Coefficient - | 5 x 10 ⁻⁶ / V (Max.) | |

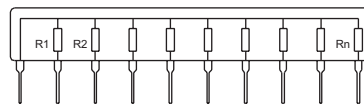


| Type | TF3006A | TF3008A | TF3010A | TF3006B | TF3007B | TF3008B | TF3009B | TF3010B |
|-----------------------|-----------|-------------|-------------|-----------|-------------|-------------|-------------|-------------|
| Power Rating | 0.75 | 1.00 | 1.25 | 0.75 | 0.90 | 1.05 | 1.20 | 1.35 |
| L (MAX) | 0.59 (15) | 0.78 (19.8) | 1.00 (25.3) | 0.59 (15) | 0.69 (17.4) | 0.78 (19.8) | 0.88 (22.3) | 1.00 (25.3) |
| # of Pins | 6 | 8 | 10 | 6 | 7 | 8 | 9 | 10 |
| # of Resistors | 3 | 4 | 5 | 5 | 6 | 7 | 8 | 9 |

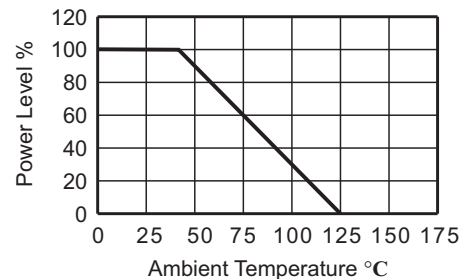
Isolated Circuit (A)



Common Circuit (B)



Power Derating Curve



Ordering information:

TF30 (# of Pins) (Circuit Type - A or B) - Resistance - Tolerance - TCR

Example: **TF3008B - 10K Ohm - 1% - 100ppm**