

Thin Film Chip Resistors

RR and RN73 Series, High Precision

Description

Thin Film Technology has achieved high performance chip resistors with low price and reliable supply. The part offers excellent performance and tolerance in TCR, current noise, linearity, for high frequency circuit applications. Precise dimensions minimize errors during mounting. Tight tolerances allow for cost savings due to circuit simplification and elimination of trim pots for adjustment.

Mechanical



| Dimension (mm) | RN73(0805) | RR1632(1206) | RR2632(1210) |
|----------------|------------|--------------|--------------|
| L | 2.00 ±0.20 | 3.20 ±0.20 | 3.20 ±0.20 |
| W | 1.25 ±0.20 | 1.60 ±0.20 | 2.60 ±0.20 |
| P | 0.40 ±0.20 | 0.50 ±0.20 | 0.50 ±0.20 |
| T | 0.40 ±0.10 | 0.40 ±0.10 | 0.45 ±0.10 |

 Actual Size for RR2632

Electrical

| Type | RN73(0805) | | RR1632(1206) | | | | RR2632(1210) | | |
|-------------------|----------------|--------------|--------------|-----------|-------------|--------|--------------|-----------|--------|
| Power | 1/10 W | | 1/8 W | | | | 1/4 W | | |
| Resistance | ±0.1% | ±0.1% | ±0.1% | | | | | | |
| Tolerance (code) | (B) | (B) | (B) | | | | | | |
| Resistance range | 511~100 k | 100~100 k | 10~49.9 | 100~200 k | 100~200 k | 51~1 M | 100~330 k | 100~330 k | 51~2 M |
| TCR (ppm/°C) | ±5(V) | ±10(N) | ±50(Q) | ±5(V) | ±10(N) | ±25(P) | ±5(V) | ±10(N) | ±25(P) |
| Resistance value | E-24/E-96 | | E-24/E-96 | | | | E-24/E-96 | | |
| Max. voltage | 100 V | | 150 V | | | | 200 V | | |
| Package pcs./reel | 1,000 | 5,000 10,000 | 1,000 5,000 | | 1,000 5,000 | | | | |
| Operating temp | -55°C - +125°C | | | | | | | | |

* RR1632 and RR2632 with R-Values less than 50 ohm are available on request



Schematic

Part Number

RR 1632 P 1001 B- T* LF

