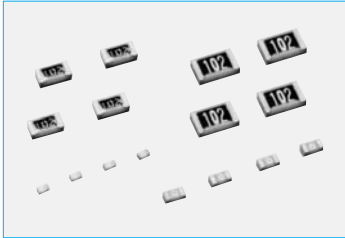


25-06208



RR series, high-precision metal film chip resistors



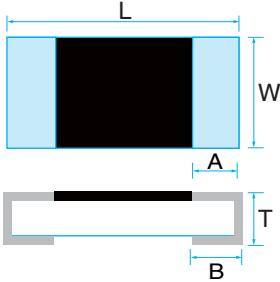
Thin Film Technology has achieved high performance chip resistors with low price and reliable supply. The parts offer excellent performance and tolerance in TCR, current noise, linearity, for high frequency circuit applications. Precise dimensions minimize errors during mounting. Tight tolerance allow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

RoHS compliant Completely lead free



SPECIFICATIONS

Mechanical



| Dimension (Inch Size) | RR0306 (0201) | RR0510 (0402) | RR0816 (0603) | RR1220 RN73 (0805) | RR1632 (1206) | RR2632 (1210) |
|-----------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| L | 0.60±0.05 | 1.00±0.05 | 1.60±0.20 | 2.00±0.20 | 3.20±0.20 | 3.20±0.20 |
| W | 0.30±0.05 | 0.50±0.05 | 0.80±0.20 | 1.25±0.20 | 1.60±0.20 | 2.60±0.20 |
| A | 0.12±0.05 | 0.20±0.10 | 0.30±0.20 | 0.40±0.20 | 0.50±0.20 | 0.50±0.20 |
| B | 0.12±0.05 | 0.25±0.05 | 0.30±0.20 | 0.40±0.20 | 0.45±0.20 | 0.45±0.20 |
| T | 0.23±0.03 | 0.35±0.05 | 0.40±0.10 | 0.40±0.10 | 0.40±0.10 | 0.40±0.10 |

(unit : mm)

Electrical

| Type | RR0306 | RR0510 | RR0816 | RR1220 | RN73 | RR1632 | | | RR2632 | | | | | | | | | | | |
|-----------------------|----------------|-----------|-----------------|-----------|----------------|-----------|----------------|-----------|-----------------------------|-----------|-------------------------|-----------|-----------------------------|-----------|-----------|-------------------------|-----------|-----------------------------|-----------|-----------|
| Power | 1/20W | | 1/16W | 1/16W | 1/10W | 1/10W | 1/8W | | | 1/4W | | | | | | | | | | |
| Tolerance %(code) | ±1.0% (F) | ±0.5% (D) | ±0.5% (D) | ±0.5% (D) | ±0.1% (B) | ±0.5% (D) | ±0.1% (B) | | | ±0.5% (D) | ±0.1% (B) | | | | | | | | | |
| Resistance Range (Ω) | 10~30 | 33~22k | 10~97.6 | 100~100k | 10~97.6 | 100~360k | 10~97.6 | 1M | 511~100k | 100~100k | 10~49.9 | 51~1M | 100~200k | 100~200k | 51~1M | 10~49.9 | 51~2M | 100~330k | 100~330k | 51~2M |
| TCR ppm /°C(code) | ±100 (R) | ±25 (P) | ±100 (R) | ±25 (P) | ±50 (Q) | ±25 (P) | ±50 (Q) | ±25 (P) | ±5 (V) | ±10 (N) | ±50 (Q) | ±25 (P) | ±5 (V) | ±10 (N) | ±25 (P) | ±50 (Q) | ±25 (P) | ±5 (V) | ±10 (N) | ±25 (P) |
| Resistance Value | E-24 | | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 | E-24/E-96 |
| Operating Temp. Range | -55°C ~ +125°C | | | | | | | | | | | | | | | | | | | |
| Max Operating Voltage | 15V | 25V | 75V | 100V | 100V | 100V | 150V | 150V | 150V | 150V | 150V | 150V | 150V | 150V | 200V | 200V | 200V | 200V | 200V | 200V |
| Package | 5,000 pcs/reel | | 10,000 pcs/reel | | 5,000 pcs/reel | | 5,000 pcs/reel | | 1,000(T1)·5,000(T5)pcs/reel | | 1,000(T1)·5,000(T5)reel | | 1,000(T1)·5,000(T5)pcs/reel | | | 1,000(T1)·5,000(T5)reel | | 1,000(T1)·5,000(T5)pcs/reel | | |

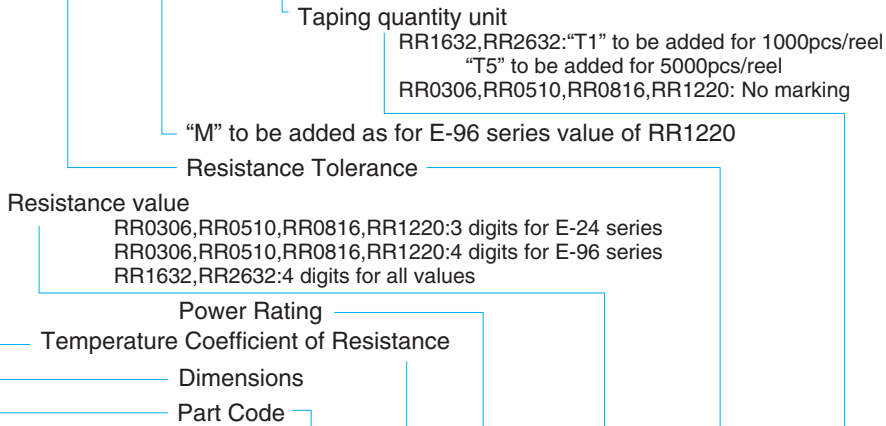
· Contact us also for RL0816-JMP jumper resistor whose dimensions are the same as those of RR0816.



PART NUMBER

RR 0816 P - 102 - D - (M) - (T5) - (*)** — To be added as for E-96 series value of RR0816 as 3 letters code

RR0816P-433-D



RN73 N 2X 1001 B (-T1)