

RR series, high-precision metal film chip resistors

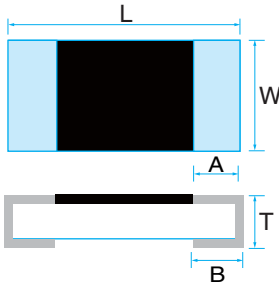


Thin Film Technology has achieved high performance chip resistors with low price and reliable supply. The parts offer excellent performance and tolerance in TCR, current noise, linearity, for high frequency circuit applications. Precise dimensions minimize errors during mounting. Tight tolerance allow 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 |

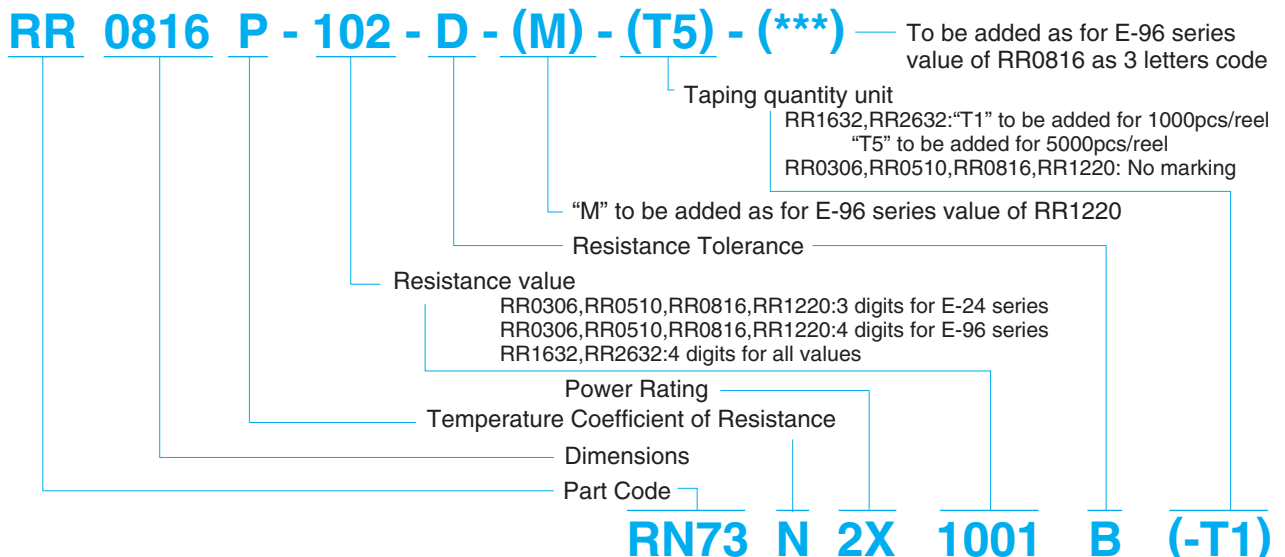
(unit : mm)

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) | ±0.5% (D) | ±0.1% (B) | ±0.5% (D) ±0.1% (B) | | | ±0.5% (D) ±0.1% (B) | | |
| Resistance Range (Ω) | 10~33 30~22k | 10~97.6 100~100k | 10~97.6 100~360k | 10~97.6 100~1M | 511~100 100~100k | 10~49.9 51~1M | 100~200k 100~200k | 51~1M | 10~49.9 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) | ±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 | |
| Operating Temp. Range | -55°C ~ +125°C | | | | | | | | | | |
| Max Operating Voltage | 15V | 25V | 75V | 100V | 100V | 150V | 150V | 150V | 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 | 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



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [susumu](#) manufacturer:

Other Similar products are found below :

[PCMB063T-1R5MS](#) [RG1608NW-1-KIT](#) [RR0816PD-3-KIT](#) [RR1220PD-4-KIT](#) [PRL1632-R007-F-T1](#) [RR0816PD-1-KIT](#) [RR0816PD-4-KIT](#)
[RG1608NW-2-KIT](#) [RG1608NW-3-KIT](#) [RL1220SF-1-KIT](#) [RR1220PD-3-KIT](#) [RG1608PB-KIT-FILE-E96](#) [KRL1220-KIT-FILE](#) [KRL3216-](#)
[KIT-FILE](#) [RR1220PD-KIT-FILE](#) [KRL11050-KIT-FILE](#) [KRL1632-KIT-FILE](#) [KRL7638-KIT-FILE](#) [KRL6432-KIT-FILE](#) [RG1005PB-KIT-](#)
[FILE](#) [RG2012PB-KIT-FILE](#) [RR1220PD-5-KIT](#) [PXV1220S-3DBN2-T02](#) [RG3216P-5103-B-T5](#) [RR0510RD-1-KIT](#) [RG2012P-4643-B-T5](#)
[RG1608NW-KIT-FILE](#) [RG2012NW-KIT-FILE](#) [RG1608PB-KIT-FILE](#) [KRL9045-KIT-FILE](#) [RR1220P-1241-B-M-T5](#) [KRL3264-KIT-FILE](#)
[RR0816Q-64R9-D-79R](#) [RG2012P-4220-B-T5](#) [HRG3216Q-30R0-D-T1](#) [RR0306PD-1-KIT](#) [RG3216P-2004-B-T1](#) [RL3720W-KIT-FILE](#)
[RG3216P-8201-D-T5](#) [RG1005NW-KIT-FILE](#) [RG1005PD-KIT](#) [RG1608N-472-W-T1](#) [RG2012P-4321-B-T5](#) [RR0816PD-KIT-FILE](#) [RG1005P-](#)
[822-B-T5](#) [RG2012PD-KIT-FILE](#) [RG1608P-6192-B-T5](#) [PRL1632-R062-F-T1](#) [HRG3216P-1000-D-T1](#) [RG2012P-751-D-T5](#)