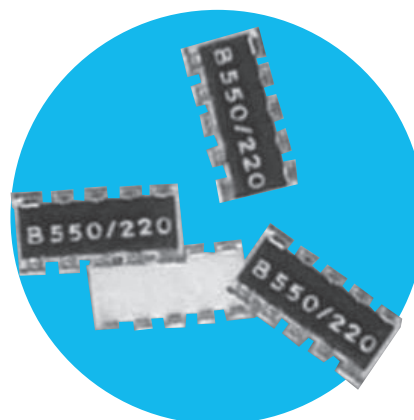


Leadless Surface Mount Chip Resistor/ Capacitor Networks

RC Series

- Thick film on ceramic construction
- Low profile suitable for PCMCIA
- Low inductance leadless design
- Available in two popular sizes: 1206 & 2512
- Nickel barrier terminations
- High speed AC line termination
- EMI/RFI filtering
- Enhanced parallel port (IEEE 1284)



All Pb-free parts comply with EU Directive 2011/65/EU amended by (EU) 2015/863 (RoHS3)

Electrical

Standard Resistance Range, Ohms	20 to 1Meg					
Resistance Tolerance	±20% (M Tol.) Optional: ±10% (K Tol.), ±5% (J Tol.)					
Temperature Coefficient of Resistance	±200ppm/°C					
Power Rating, Watts	RC4: 63mW per Resistor 63mW per Package			RC6: 63mW per Resistor 250mW per Package		
Capacitance, Maximum, pF	RC4: 200	RC6A: 220	RC6B: 68	RC6C: 68	RC6D: 220	RC6E: 180
Capacitor Characteristic	X7R					
Capacitor Tolerance	±20% at 1MHz, 25°C					
Capacitor Voltage Rating	25 Vdc					
Capacitor, Maximum, ΔC, -55°C to +125°C	±15%					
Capacitor Dissipation Factor	2.5% Max.					
Capacitor Dielectric Withstanding Voltage	125Vdc, 5 sec. 50mA Charge					
Capacitor Insulation Resistance	≥10,000 Megohms					
Operating Temperature Range	0-40°C to +125°C					

Specifications subject to change without notice.

Environmental

Solderability	MIL-STD-202, Method 208, Cond. B, 95% Coverage
Life	1,000 hours at 70°C (±3%+0.2 Ohms ΔR, ±10% ΔC)
Thermal Shock	MIL-STD-202F, Method 107, Cond. A (±3%+0.2 Ohms ΔR, ±10% ΔC)
Moisture Resistance	MIL-STD-202F, Method 106 (±3%+0.2 Ohms ΔR, ±10% ΔC)

General Note

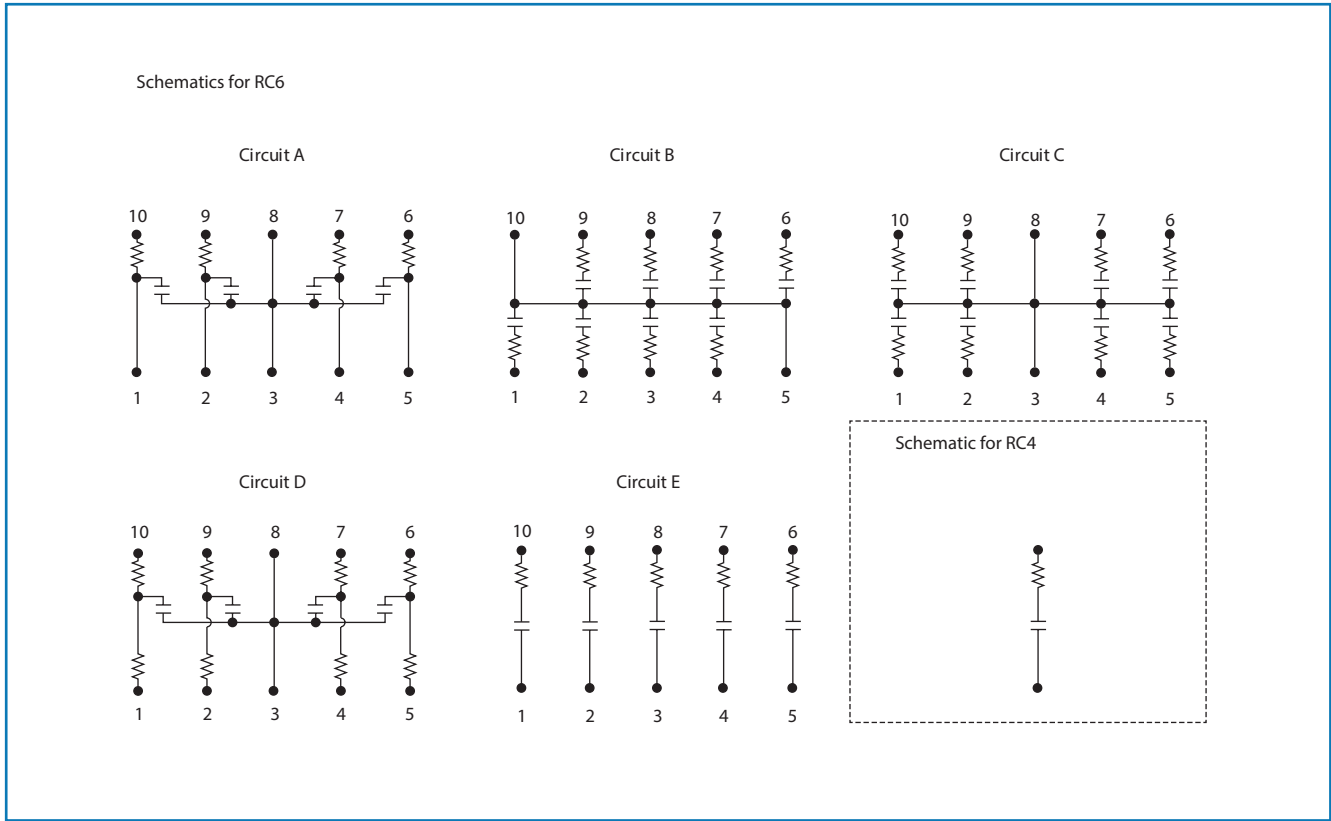
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BI Technologies IRC Welwyn

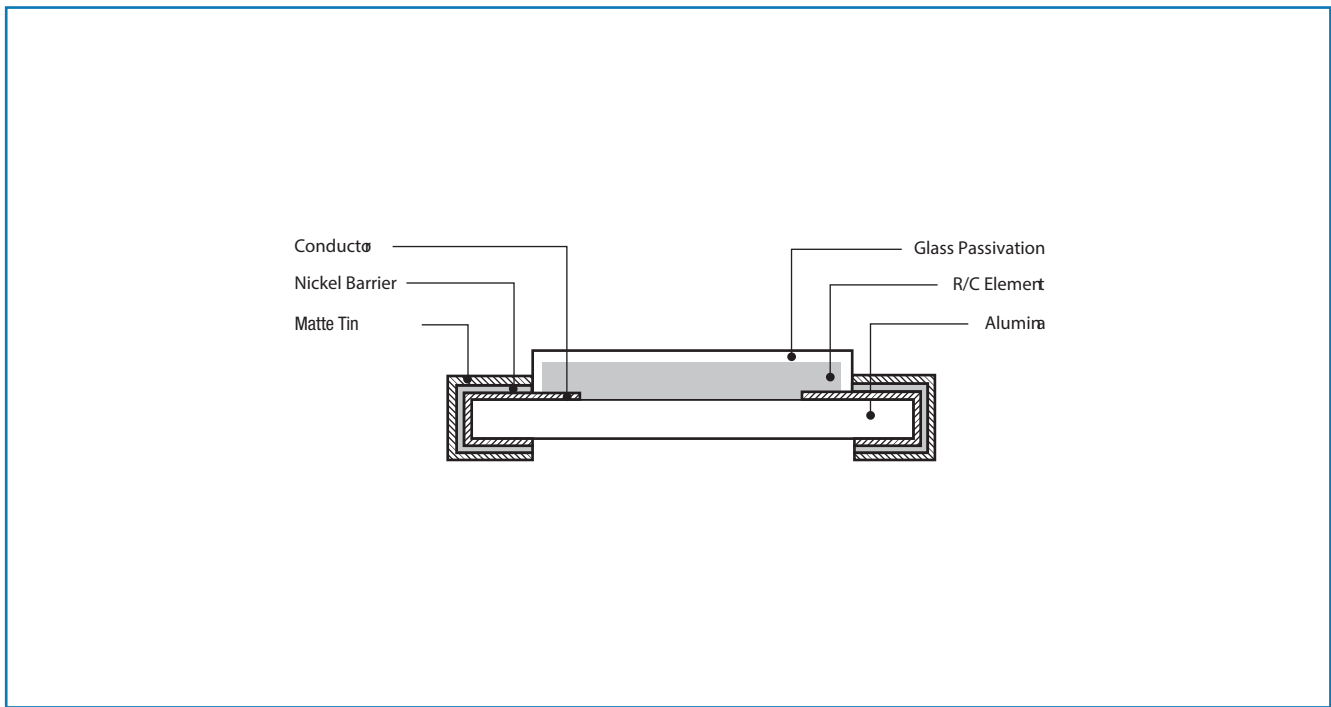
www.ttelectronics.com/resistors

RC Series

Schematics



Construction



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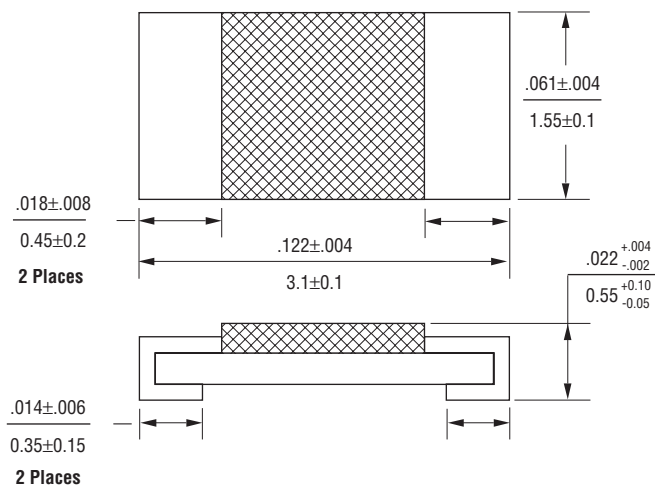
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www.ttelectronics.com/resistors

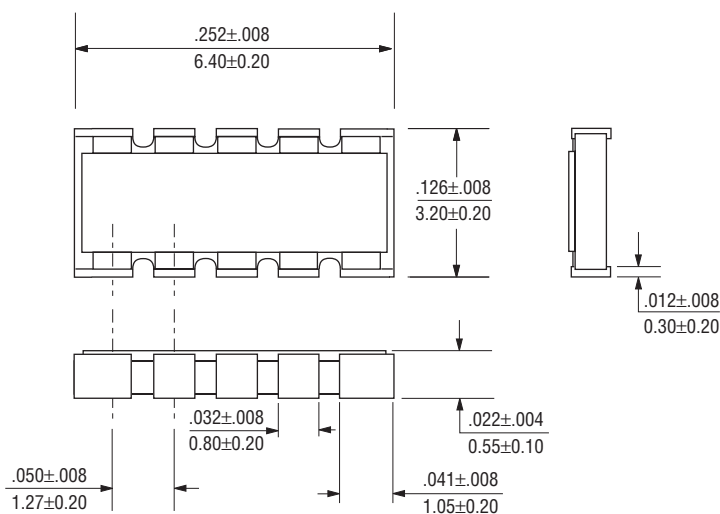
RC Series

Outline Dimensions (Inch/mm)

Model RC4



Model RC6



General Note

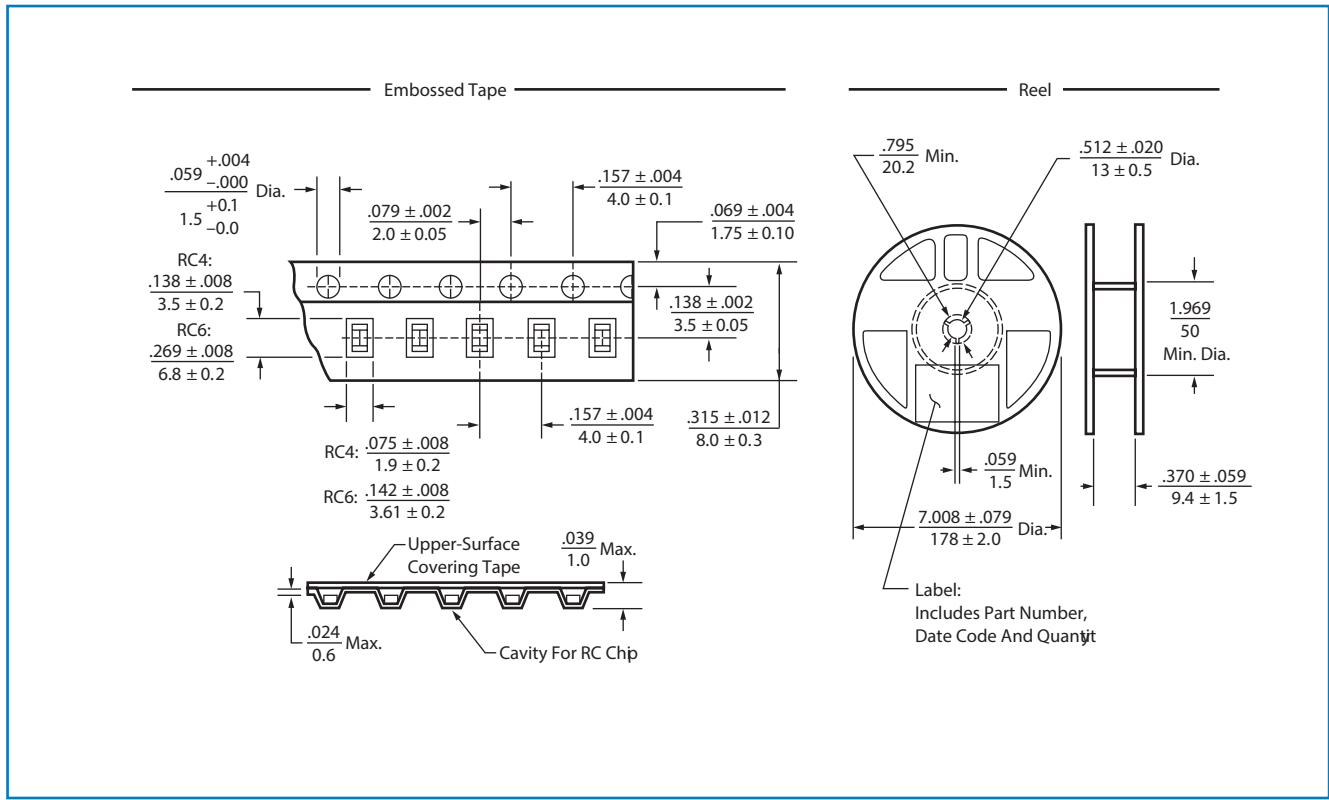
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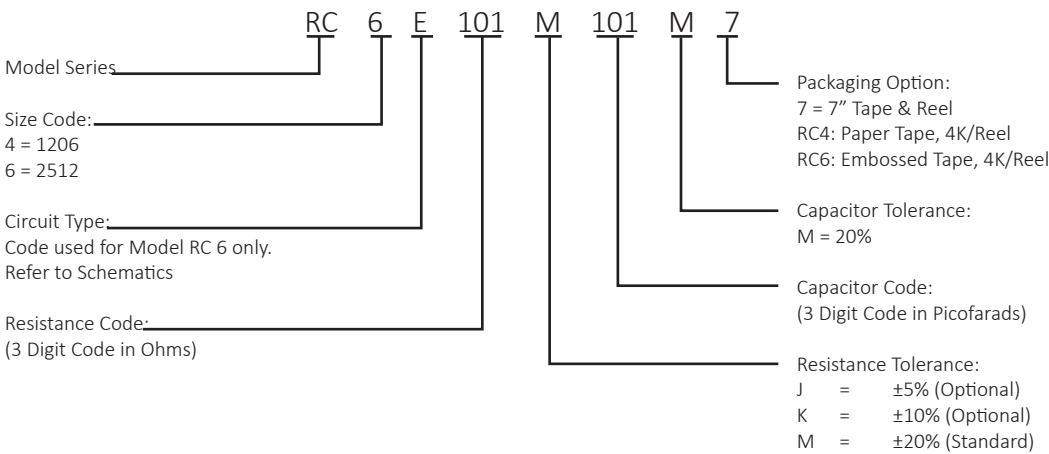
www.ttelectronics.com/resistors

RC Series

Packaging (Inch / mm)



Ordering Information



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