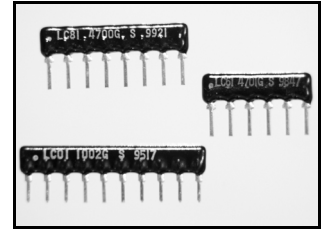


# LC Series — Thick Film Resistor Networks

## Features

- Standard low profile
- 6, 8, or 10 pins standard
- 3, 4, 5, 7, 9, 11, 12 and 13 pins available
- Steel leads standard
- Conformally coated
- Absolute TCR typically better than 100ppm
- TCR tracking typically better than 50ppm

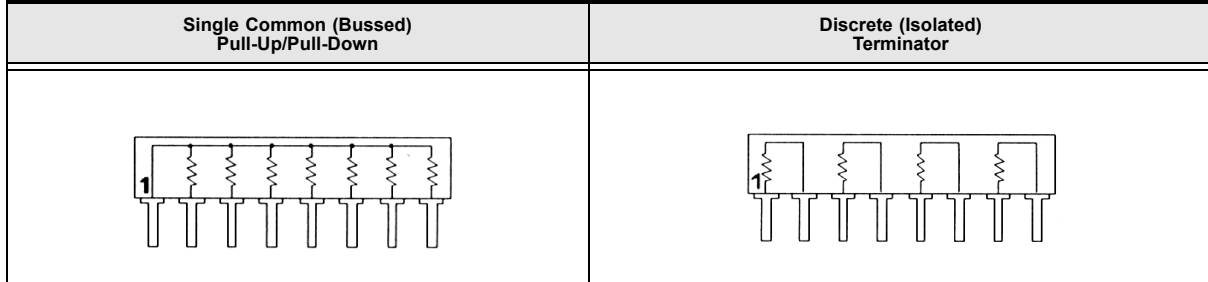


## Electrical Specifications

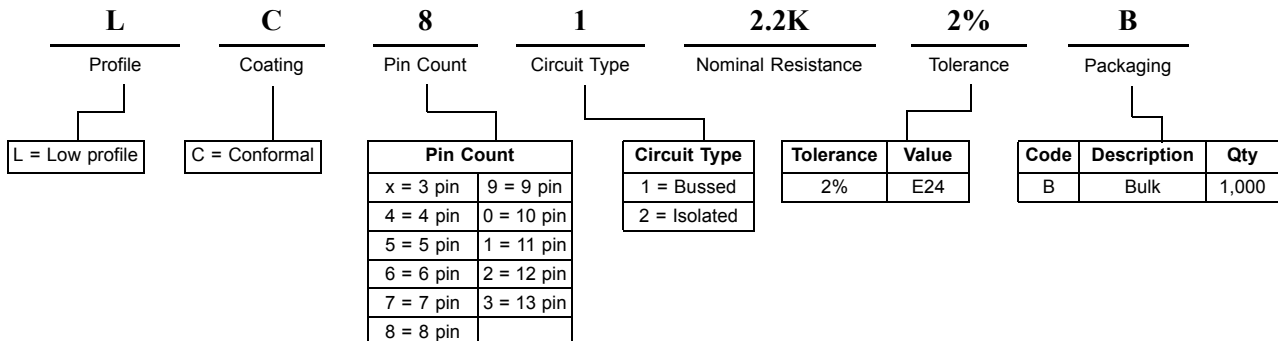
| Type | Power Rating (Watts) @ 70°C | Derated to 0 Load @ | Max Working Voltage* | Resistance Temperature Coefficient | Ohmic Range and Tolerance |
|------|-----------------------------|---------------------|----------------------|------------------------------------|---------------------------|
|      |                             |                     |                      |                                    | 2%                        |
| LC   | 0.125W<br>Each resistor     | 125°C               | 200                  | ±100 ppm/°C                        | 22Ω – 1M                  |

\* Lesser of  $\sqrt{PR}$  or maximum working voltage

## Standard Configurations – Low-Profile SIP Package



## How to Order



# LC Series — Thick Film Resistor Networks

| Mechanical Specifications |                | inches<br>mm            |
|---------------------------|----------------|-------------------------|
| No. of Pins               | "L" Max.       | Low Profile – LC Series |
| 4                         | 0.390<br>9.91  |                         |
| 5                         | 0.490<br>12.45 |                         |
| 6                         | 0.590<br>14.99 |                         |
| 7                         | 0.690<br>17.53 |                         |
| 8                         | 0.790<br>20.07 |                         |
| 9                         | 0.890<br>22.61 |                         |
| 10                        | 0.990<br>25.15 |                         |
| 11                        | 1.090<br>27.69 |                         |
| 12                        | 1.190<br>30.23 |                         |

| Performance Characteristics    |  |
|--------------------------------|--|
| Test                           | Test Results per MIL-R-S83401 (%ΔR max.) |
| Thermal Shock                  | ±0.5%                                    |
| Low Temperature Operation      | ±0.5%                                    |
| Short Time Overload            | ±0.5%                                    |
| Moisture Resistance            | ±0.5%                                    |
| Load Life @ 70°C - 1,000 Hours | ±1%                                      |
| Resistance to Soldering Heat   | ±0.25%                                   |
| Terminal Strength              | ±0.25%                                   |
| Shock (Specified Pulse)        | ±0.25%                                   |
| Vibration (High Frequency)     | ±0.25%                                   |