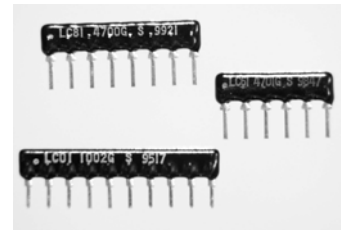


LC Series — SIP Thick Film Resistor Networks

Features

- Standard low profile
- 6, 8, or 10 pins standard
- 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
					1%, 2%
LC	0.125W Each resistor	125°C	200V	±100 ppm/°C	30Ω – 100KΩ

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

Mechanical Specifications inches (mm)

No. of Pins	"L" Max.	Low Profile – LC Series
4	0.390 (9.91)	
5	0.490 (12.45)	
6	0.590 (14.99)	
7	0.690 (17.53)	
8	0.790 (20.07)	
9	0.890 (22.61)	
10	0.990 (25.15)	
11	1.090 (27.69)	
12	1.190 (30.23)	
13	1.310 (33.27)	

Performance Characteristics

Standard Configurations – Low-Profile SIP Package

Test	Test Results per MIL-R-883401 (%ΔR max.)	Single Common (Bussed) Pull-Up/Pull-Down	Discrete (Isolated) Terminator
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	±1.0%		
Resistance to Soldering Heat	±0.25%		
Terminal Strength	±0.25%		
Shock (Specified Pulse)	±0.25%		
Vibration (High Frequency)	±0.25%		

How to Order

