LC Series — SIP Thick Film Resistor Networks

SEI

Features

- Standard low profile
- 6, 8, or 10 pins standard
- 4, 5, 7, 9, 11, and 12 pins available
- Steel leads standard
- Conformally coated
- Absolute TCR typically better than ±100ppm
- TCR tracking typically better than ±50ppm
- RoHS compliant / lead-free available (LCF)

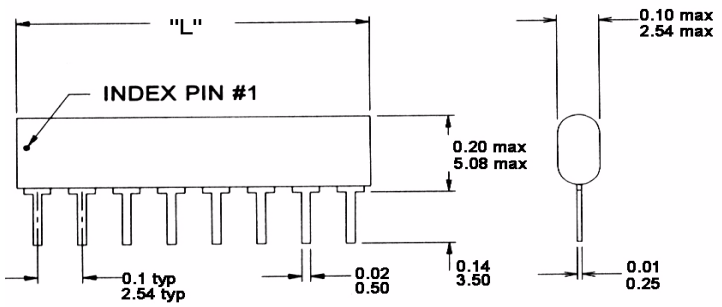
Electrical Specifications

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 √PR or maximum working voltage

Mechanical Specifications inches (mm)

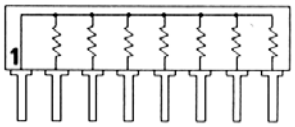
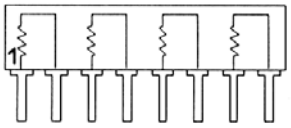
No. of Pins	"L" Max.	Low Profile – LC Series
4	0.41 (10.41)	
5	0.51 (12.95)	
6	0.61 (15.49)	
7	0.71 (18.03)	
8	0.81 (20.57)	
9	0.91 (23.11)	
10	1.01 (25.65)	
11	1.11 (28.19)	
12	1.21 (30.73)	



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	±1.0%
Resistance to Soldering Heat	±0.25%
Terminal Strength	±0.25%
Shock (Specified Pulse)	±0.25%
Vibration (High Frequency)	±0.25%

Standard Configurations – Low-Profile SIP Package

Single Common (Bussed) Pull-Up/Pull-Down	Discrete (Isolated) Terminator
	

How to Order

LC	8	1	2.2K	2%	B
SEI Type	Pin Count	Circuit Type	Nominal Resistance	Tolerance	Packaging

SEI Type	Description
LC	Standard
LCF	RoHS

Pin Count	
4 = 4 pin	8 = 8 pin
5 = 5 pin	9 = 9 pin
6 = 6 pin	0 = 10 pin
7 = 7 pin	1 = 11 pin
2 = 12 pin	

Circuit Type
1 = Bussed
2 = Isolated

Tolerance	Value
1%	E24
2%	E24

SEI Type	Qty	Description	Code
All	1,000	Bulk	B