

## 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  $\pm 100$ ppm
- TCR tracking typically better than  $\pm 50$ ppm
- 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	$\pm 100$ ppm/°C	30 $\Omega$ – 100K $\Omega$

\* Lesser of  $\sqrt{PR}$  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

## Standard Configurations – Low-Profile SIP Package

Test	Test Results per MIL-R-S83401 (% $\Delta$ R max.)	Single Common (Bussed) Pull-Up/Pull-Down	Discrete (Isolated) Terminator
Thermal Shock	$\pm 0.5\%$		
Low Temperature Operation	$\pm 0.5\%$		
Short Time Overload	$\pm 0.5\%$		
Moisture Resistance	$\pm 0.5\%$		
Load Life @ 70°C - 1,000 Hours	$\pm 1.0\%$		
Resistance to Soldering Heat	$\pm 0.25\%$		
Terminal Strength	$\pm 0.25\%$		
Shock (Specified Pulse)	$\pm 0.25\%$		
Vibration (High Frequency)	$\pm 0.25\%$		

## How to Order

LC		8	1	2.2K	2%	B	
SEI Type		Pin Count	Circuit Type	Nominal Resistance	Tolerance	Packaging	
SEI Type	Description	Pin Count		Tolerance		Packaging	
LC	Standard	4 = 4 pin	1 = Bussed	1%	E24	SEI Type	Qty
LCF	RoHS	5 = 5 pin	2 = Isolated	2%	E24	All	1,000
		6 = 6 pin					
		7 = 7 pin					
		2 = 12 pin					
						Description	Code
						Bulk	B