

- 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 $\pm 100\text{ppm}$
 - TCR tracking typically better than $\pm 50\text{ppm}$
 - RoHS compliant / lead-free available (LCF)



Electrical Specifications

Type / Code	Power Rating (Watts) @ 70°C	Derated to 0 Load @	Max Working Voltage ^①	Resistance Temperature Coefficient	Ohmic Range and Tolerance
					1%, 2%
LC	0.125w Each resistor	125°C	200V	$\pm 100\text{ ppm}/^\circ\text{C}$	30Ω - 100KΩ

^①Lesser of $\sqrt{\text{PR}}$ 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 (%ΔR max.)	Single Common (Bussed) Up / Pull-Down	Pull	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	$\pm 1\%$			
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

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

Type	Description	Pin Count	Circuit Type	Tolerance	Value	Type	Qty	Description	Code
LC	Standard	4 = 4 pin 8 = 8 pin	1 Bussed	1%	E24	All	1,000	Bulk	B
LCF	RoHS	5 = 5 pin 9 = 9 pin 6 = 6 pin 0 = 10 pin 7 = 7 pin 1 = 11 pin 2 = 12 pin	2 Isolated	2%	E24				