LC Series—SIP Thick Film Resistor Networks



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)



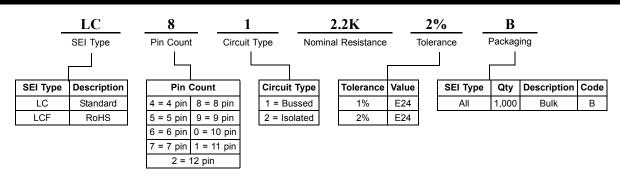
Electrical Specifications								
Туре	Power Rating (Watts) @ 70°C	Derated to 0 Load @	Max Working Voltage*	Resistance Temperature Coefficient	Ohmic Range and Tolerance			
					1%, 2%			
LC	0.125W Each resistor	125°C	200V	±100 ppm/°C	30Ω – 100ΚΩ			

^{*} Lesser of $\sqrt{\mathsf{PR}}$ 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)	2.54 max					
7	0.71 (18.03)	/— INDEX PIN #1					
8	0.81 (20.57)	0.20 max					
9	0.91 (23.11)	5.08 max					
10	1.01 (25.65)						
11	1.11 (28.19)	0.01 typ					
12	1.21 (30.73)	0.1 typ 0.02 3.50 0.25 2.54 typ					

Performan	ce Characteristics	Standard Configurations – Low-Profile SIP Package		
Test	Test Results per MIL-R-S83401 (%∆R 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%] 1	 	
Resistance to Soldering Heat	±0.25%			
Terminal Strength	±0.25%			
Shock (Specified Pulse)	±0.25%			
Vibration (High Frequency)	±0.25%			

How to Order



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