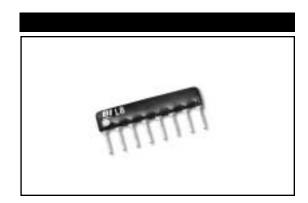
MODEL L SERIES Thick Film Low Profile SIP Conformal Coated Resistor Networks



ELECTRICAL

22 to 1Meg
±2%
Optional: ±1% (F Tol.), ±5% (J Tol.)
-55°C to +125°C
±100ppm/°C (<100 Ohms = ±250ppm/°C)
±50ppm/°C
100Vdc or √PR
≥10,000 Megohms

ENVIRONMENTAL

Thermal Shock plus Power Conditioning	ΔR 0.70%
Short Time Overload	ΔR 0.25%
Terminal Strength	ΔR 0.25%
Moisture Resistance	ΔR 0.50%
Mechanical Shock	ΔR 0.25%
Vibration	ΔR 0.25%
Low Temperature Storage	ΔR 0.25%
High Temperature Exposure	ΔR 0.50%
Load Life, 1,000 Hours	ΔR 1.00%
Resistance to Solder Heat (Per MIL-STD-202, Method 210, Cond.B)	ΔR 0.25%
Dielectric Withstanding Voltage	200V for 1 minute
Marking Permanency	MIL-STD 202, Method 215
Lead Solderability	MIL-STD 202, Method 208
Flammability	UL-94V-O Rated
Storage Temperature Range	-55°C to +150°C

Specifications subject to change without notice.





MECHANICAL

 Lead Material
 Steel Alloy (Standard) Copper Alloy (Optional)

 Lead Finish
 90/10 Tin-Lead

 Substrate Material
 90/10 Tin-Lead

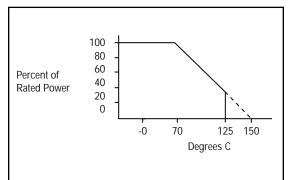
 Resistor Material
 Alumina

 Body Material
 Conformal Epoxy Resin

STANDARD RESISTANCE VALUES, OHMS

-3 Circuit (Isolated Resistors) & -1 Circuits (Bussed Resistors)						
Ohms	Code	Ohms	Code	Ohms	Code	
22	220	820	821	33K	333	
27	270	1K	102	39K	393	
33	330	1.2K	122	47K	473	
39	390	1.5K	152	51K	513	
47	470	1.8K	182	56K	563	
51	510	2K	202	68K	683	
56	560	2.2K	222	82K	823	
68	680	2.7K	272	100K	104	
82	820	3.3K	332	120K	124	
100	101	3.9K	392	150K	154	
120	121	4.7K	472	180K	184	
150	151	5.1K	512	200K	204	
180	181	5.6K	562	220K	224	
200	201	6.8K	682	270K	274	
220	221	8.2K	822	330K	334	
270	271	10K	103	390K	394	
330	331	12K	123	470K	474	
390	391	15K	153	510K	514	
470	471	18K	183	560K	564	
510	511	20K	203	680K	684	
560	561	22K 223 820K		820K	824	
680	681	27K	273	1Meg	105	
	-5 Circuit (Dual Terminators)					
Ohms	Code	Ohms	Code	Ohms	Code	
R1/R2	R1/R2	R1/R2	R1/R2	R1/R2	R1/R2	
180/390	181/391	330/390	331/391	3K/6.2K	302/622	
220/270	221/271	330/470	331/471			
220/330	221/331	330/680	331/681			

POWER DERATING CURVE

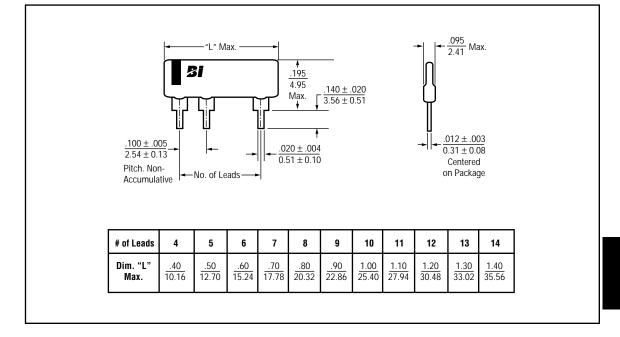


POWER DISSIPATION, WATTS AT 70°C

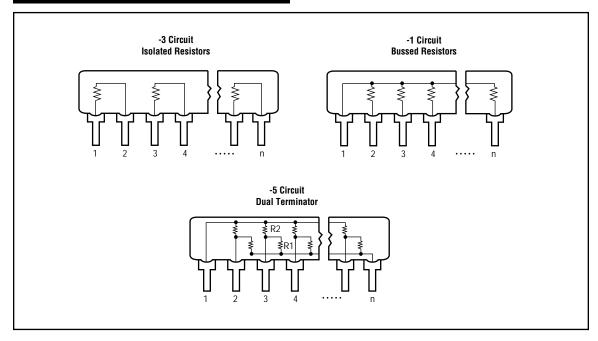
		— Resiste	or (Per Cir	rcuit) —
Model	Package	-1	-3	-5
L06	.6	.125	.200	.125
L08	.8	.125	.200	.125
L10	1.0	.125	.200	.125



OUTLINE DIMENSIONS (Inch/mm)



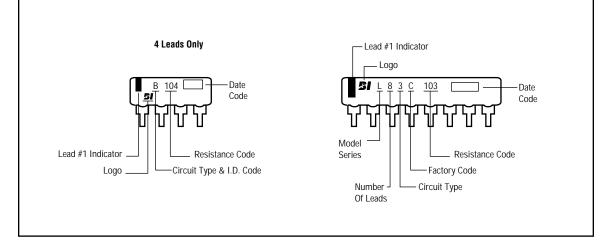
SCHEMATICS





Model L Series

TYPICAL PART MARKING

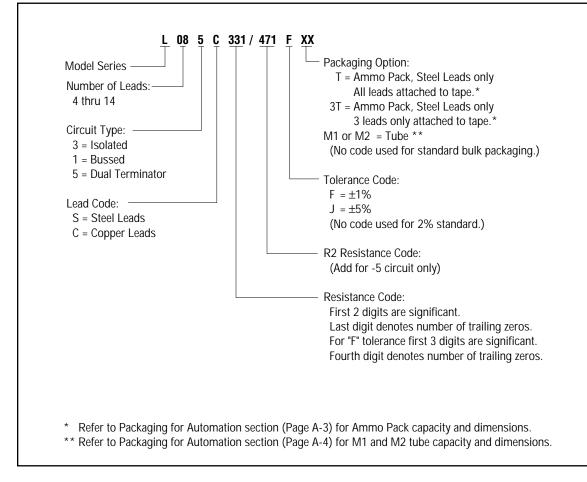


PACKAGING

Standard:	Bulk: Quantity	I	=	500 (Europe) 200 Units (USA/Asia)
Option:	Tape in Ammo Box (Steel pins only). All Units oriented with lead #1 to the left of direction of feed.			
	Tape:	Width	=	18mm
	-	Pitch	=	12.7mm
	Ammo Box:	Capacity	=	1,000 Units
Option:	Magazine			
	Dimensions conform to EIA & JEDEC standards.			
	All Units oriented with lead #1 to the same side.			
	Magazine:	Material	=	Antistatic Plastic



ORDERING INFORMATION



APPLICABLE DOCUMENTS

MIL-R-83401 —	Resistor Networks, Fixed, Film, General Specifications
MIL-STD-105 —	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-202 —	Test Methods for Electronic and Electrical Component Parts

