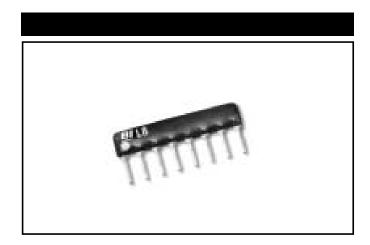
MODEL L SERIES Thick Film Low Profile SIP Conformal Coated Resistor Networks



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%
	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.



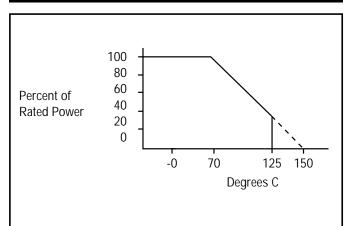
MECHANICAL

Lead Material	Steel Alloy (Standard)		
	Copper Alloy (Optional)		
Lead Finish	90/10 Tin-Lead		
Substrate Material	Alumina		
Resistor Material	Cermet		
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		470K	474	
390	391	15K 153 510K		510K	514	
470	471	18K 183 560K		560K	564	
510	511	20K 203 680K		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

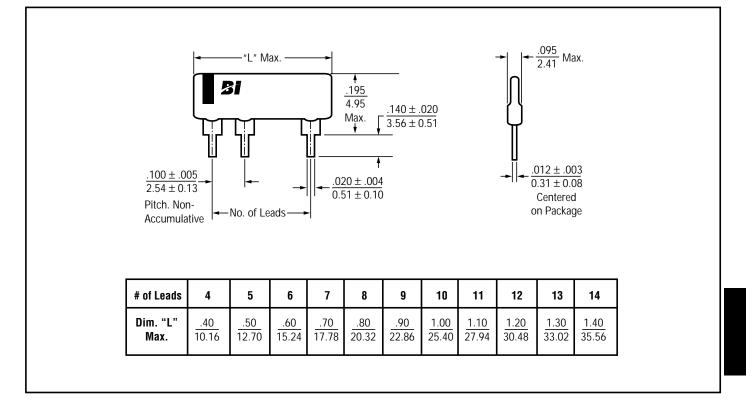


POWER DISSIPATION, WATTS AT 70°C

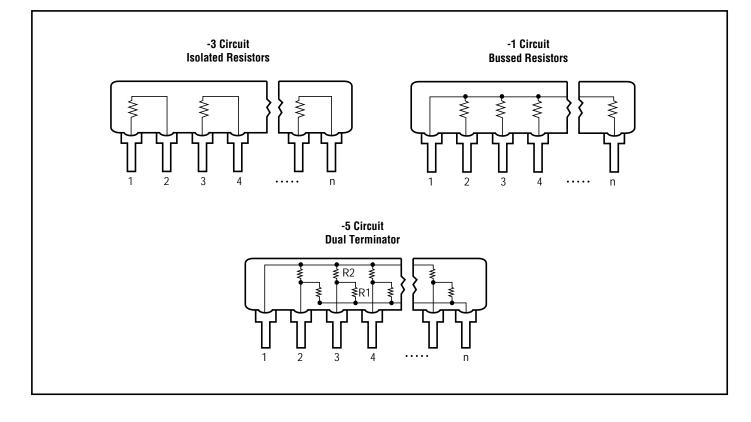
		— Resisto	or (Per Cii	rcuit) –
Model	Package	-1	-3	-5
L06	.6	.125	.200	.125
L08	.8	.125	.200	.125
L10	1.0	.125	.200	.125



OUTLINE DIMENSIONS (Inch/mm)



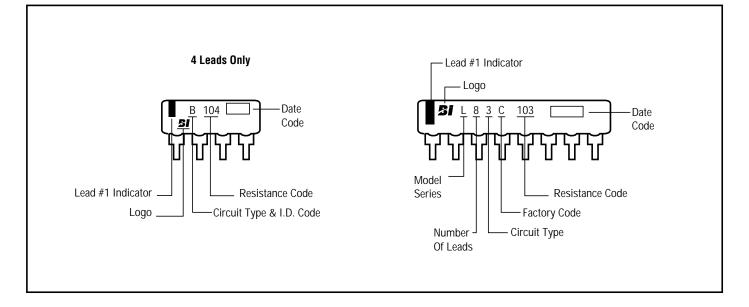
SCHEMATICS





Model L Series

TYPICAL PART MARKING

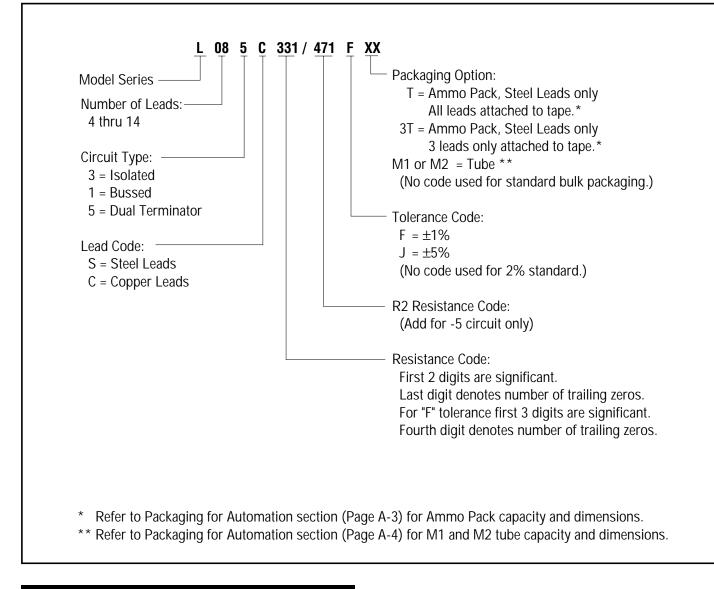


PACKAGING

Dulk: Ougstitu			
Bulk: Quantity		=	500 (Europe)
			200 Units (USA/Asia)
Tape in Ammo B	ox (Steel pir	ns only).	
All Units orie	nted with le	ead #1 to t	he left of direction of feed.
Tape:	Width	=	18mm
	Pitch	=	12.7mm
Ammo Box:	Capacity	=	1,000 Units
Magazine			
Dimensions	conform to	EIA & JEC	DEC standards.
All Units orie	nted with le	ead #1 to t	he same side.
Magazine:	Material	=	Antistatic Plastic
	All Units orie Tape: Ammo Box: Magazine Dimensions All Units orie	All Units oriented with le Tape: Width Pitch Ammo Box: Capacity Magazine Dimensions conform to All Units oriented with le	Pitch = Ammo Box: Capacity = Magazine Dimensions conform to EIA & JEE All Units oriented with lead #1 to t



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

