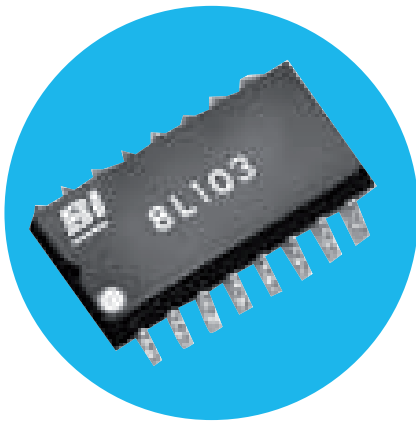


Model 628 L

Model 628 L Series

- R/2R Ladder
- .220" Small Outline
- Thick Film DIP
- Surface Mount
- Resistor Networks

OBSOLETE



 All parts are Pb-free and comply with EU Directive 2011/65/EU (RoHS2)

Electrical

Standard Resistance Range, Ohms	1K to 100K
Standard Resistance Tolerance, at 25°C	±2%
Operating Temperature Range	-55°C to +125°C
Temperature Coefficient of Resistance	±100ppm/°C
Maximum Operating Voltage	50Vdc or VPR
Insulation Resistance	≥10,000 Megohms
Ladder Network Accuracy	8 Bits: ±1/2 LSB, -55°C to +125°C

Mechanical

Lead Material	Copper Alloy, 96.5 / 3.5 SnAg (Dipped)
Lead Configuration	Gull Wing
Lead Coplanarity	±0.002 in. (0.057mm)
Substrate Material	Alumina
Resistor Material	Cermet
Body Material	Epoxy

Applicable Documents

MIL-R-914 — Resistor Networks, Fixed, Film, Surface Mount Established Reliability General Specification
MIL-STD-202 — Test Methods for Electronic and Electrical Component Parts
EIA-481 — Carrier Taping of Surface Mount Components for Automatic Handling
EIA-PDP-100 — SOGN-0002 Outline Dimensions

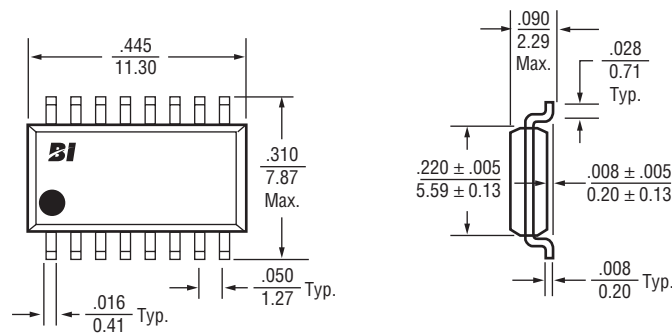
Specifications subject to change without notice.

General Note

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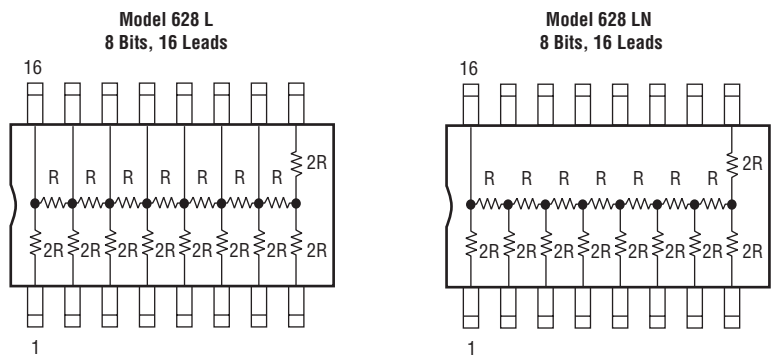
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Outline Dimensions (Inch/mm)



Note: Maximum Allowable Mold Excursion = 0.006"

Schematics



Note: Custom circuits are available. Consult factory.

General Note

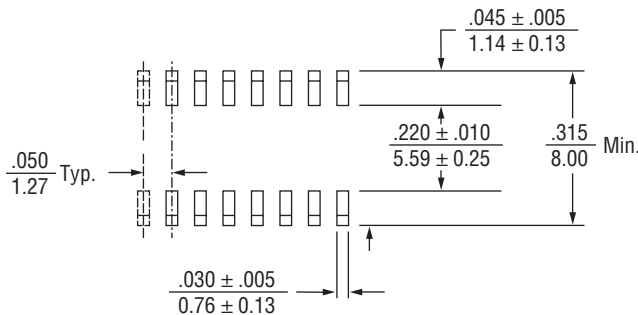
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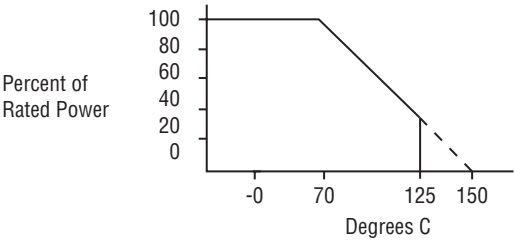
www.ttelectronics.com/resistors

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Solder Pad Layout (Inch/mm)

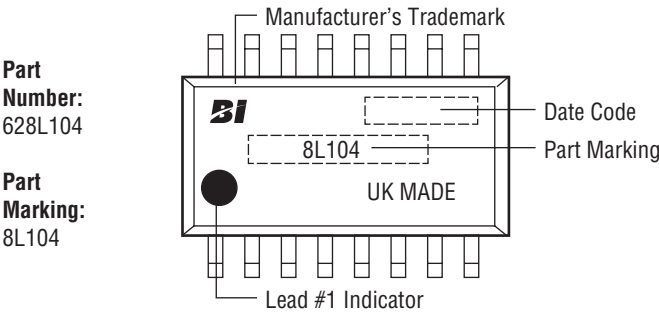


Power Derating Curve



Power Dissipation, Watts At 70°C		
Model	Package	Per Resistor
628L	0.64	0.040
Standard Resistance Values, Ohms		
R/2R	R/2R	R/2R
1K/2K	25K/50K	100K/200K
10K/20K	50K/100K	

Typical Part Marking



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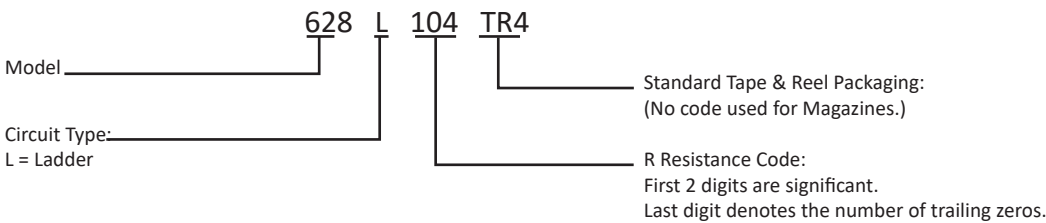
www.ttelectronics.com/resistors

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Model 628 L Series

Packaging

Standard:	Tape & Reel Conforms to requirements of EIA-481. All units oriented with lead #1 to the left of direction of feed.		
Tape	Width = Pocket = Pitch =	24mm Embossed Plastic, Antistatic 12mm	
Reel	Diameter = Capacity =	13" (330mm) Maximum 2,000 Units	
Option:	Magazines Conforms to EIA and JEDEC standards. All units oriented with lead #1 to the same side.		
Magazine:	Capacity =	50 Units	

Ordering Information



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