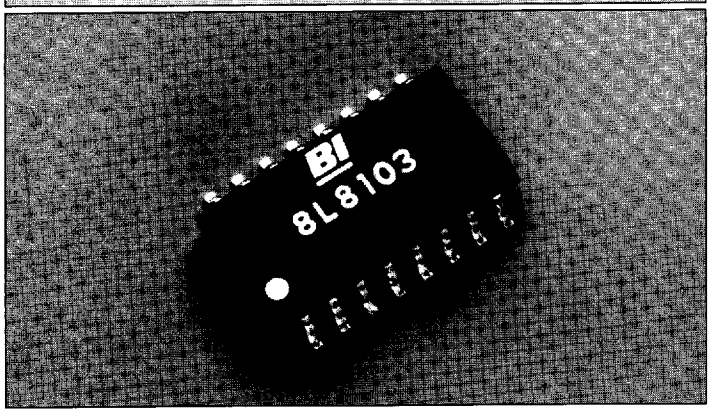


Model 628L R/2R Ladder Surface Mount Small Outline Dual In-Line

Thick Film Resistor Network

T-62-05

Electrical

Standard Resistance Range, Ohms	10K to 100K
Standard Resistance Tolerance, at 25°C	±2%
Operating Temperature Range	0°C to 70°C
Temperature Coefficient of Resistance	±100ppm/°C
Maximum Operating Voltage	50V dc or √PR
Insulation Resistance, Minimum	10,000 Megohms
Ladder Network Accuracy	8 Bits ±1/2 LSB, 0° to 70°

Mechanical

Lead Material	Copper Alloy, 60/40 Tin-Lead (Dipped)
Lead Configuration	Gull Wing
Lead Coplanarity	±0.002 in. (0.057mm)
Substrate Material	Alumina
Resistor Material	Cermet
Body Material	Epoxy

Standard Resistance Values, Ohms

R/2R	R/2R	R/2R
10K/20K	25K/50K	100K/200K
	50K/100K	

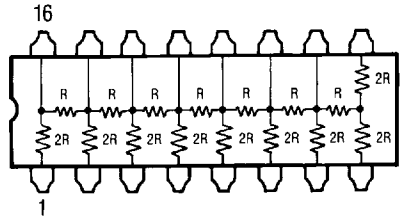
Specifications subject to change without notice

Schematic/Solder Pad Layout

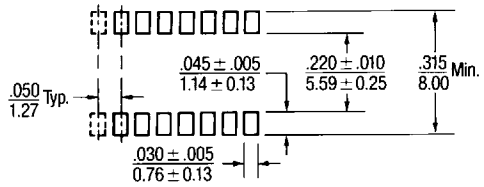
Model 628L (8 Bits)

628L = 16 Leads

Consult factory for custom circuit configurations



Solder Pad Layout



Applicable Documents

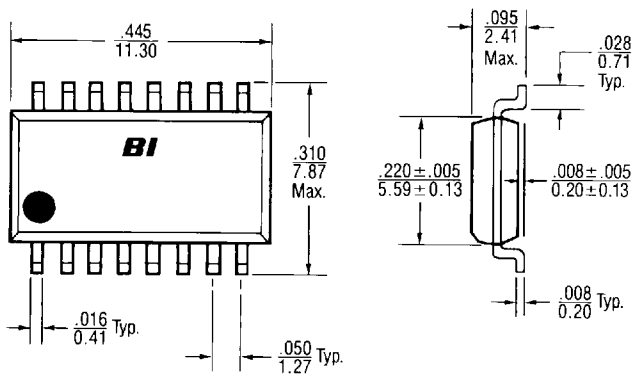
Mil-R-83401 — Resistor Networks, Fixed, Film, General Specifications
Mil-Std-202 — Test Methods for Electronics and Electrical Component Parts
RS-481-A — Packaging Specifications: Tape & Reel, Magazine
EIA-PDP-100 — SOGN-0002 Outline Dimensions

Beckman Industrial™

Affiliate of Emerson Electric Co.

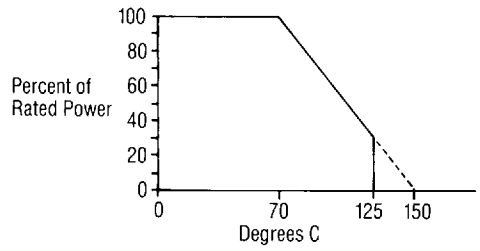
Networks

Outline Dimensions inch/mm



Note: Maximum allowable mold excursion = 0.006"

Power Derating Curve



Power Dissipation, Watts at 70° C

Model	Per Package	Per Resistor
628L	0.640	0.040

Packaging

Standard: Magazine

Conforms to EIA and JEDEC standards.

All units oriented with lead #1 to the same side

Magazine: Capacity = 50 units

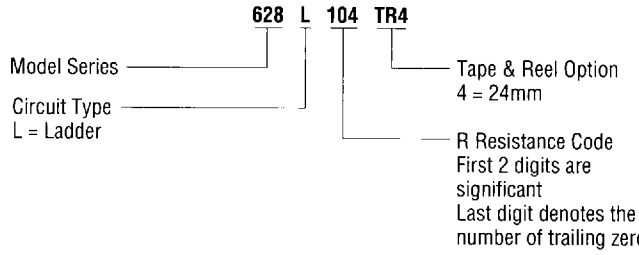
Option: Tape & Reel

Conforms to requirements of RS-481-A

All units oriented with lead #1 to the left of direction of feed

Tape:	Width	=	24mm
	Pocket	=	Embossed Plastic, Antistatic
	Pitch	=	12mm
Reel:	Diameter	=	14" (356mm) Maximum
	Capacity	=	2,000 units

Ordering Information



Typical Part Marking

Part Number: 628L104

Part Marking: 8L104