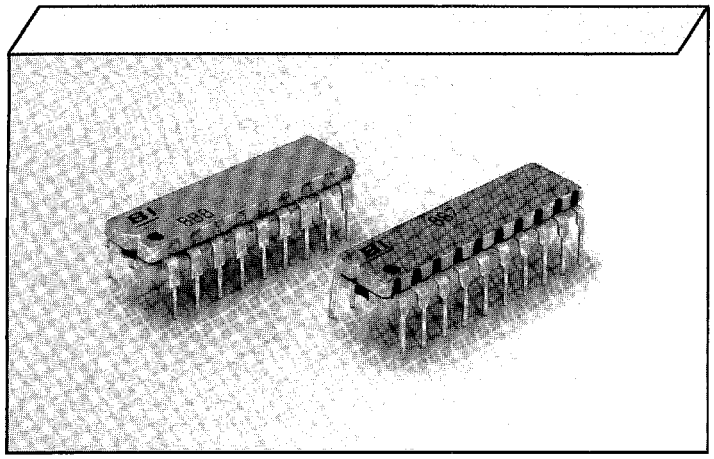


Model 888, 887 18 & 20 Pin Dual In-Line

Thick Film Resistor Network

Electrical

Standard Resistance Range, Ohms	22 to 2.2 Meg
Standard Resistance Tolerance at 25°C	−1, −3 Circuits ±2% −5 Circuits ±5% (≤33 Ohms = ±2 Ohms)
Operating Temperature Range, °C	−55° to 125°
Temperature Coefficient of Resistance, ppm/°C	±100 (<100 Ohms = ±250)
Temperature Coefficient of Resistance, Tracking, ppm/°C	50
Maximum Operating Voltage, Vdc	100V or $\sqrt{PR}$
Insulation Resistance, Ohms (Minimum)	10,000 Meg

Mechanical

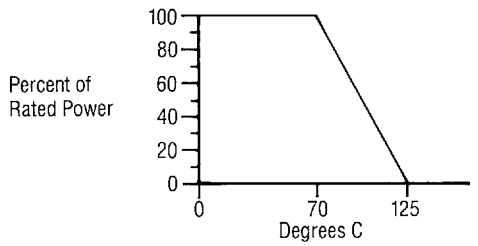
Lead Material	Copper Alloy, 60/40 Tin-Lead Plating
Substrate Material	Alumina
Resistor Material	Cermet

Environmental (Per MIL-R-83401)

Thermal Shock Plus Power Conditioning	(ΔR) ±0.70%
Short Time Overload	(ΔR) ±0.50%
Terminal Strength	(ΔR) ±0.25%
Moisture Resistance	(ΔR) ±0.50%
Mechanical Shock	(ΔR) ±0.25%
Vibration Shock	(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 Soldering Heat (Per MIL-STD-202, Method 210, Cond. B)	(ΔR) ±0.25%
Dielectric Withstanding Voltage, RMS	200V for 1 Minute
Marking Permanency	Per Paragraph 4.6.7
Lead Solderability	Per Paragraph 4.6.6
Flammability	UL-94V-0 Rated
Storage	−55°C to 125°C

Specifications subject to change without notice.

Power Derating Curve



Power (Watts) Dissipation @ 70°C

Model	Package	Resistor (Per Circuit) -1	-3	-5
887	2.50	.125	.250	.125
888	2.25	.125	.250	.125

Ordering Information

88 7 -5- R220 / 330 F

- Model Series
- Number of Leads
  - 8 = 18 Leads
  - 7 = 20 Leads
- Circuit Type
  - 1 = Bussed
  - 3 = Isolated
  - 5 = Dual Terminator
- Resistance Value
- R2 Resistance Value
  - Add for −5 circuit only
- Tolerance Code (If other than standard)
  - F = ±1%
  - G = ±2%
  - J = ±5%

Applicable Documents

MIL-R-83401	— Resistor Networks, Fixed, Film, General Specification
MIL-STD-202	— Test Methods for Electronics and Electrical Component Parts

Approved to British Standard Specification BS9450 F0001.

Beckman Industrial™

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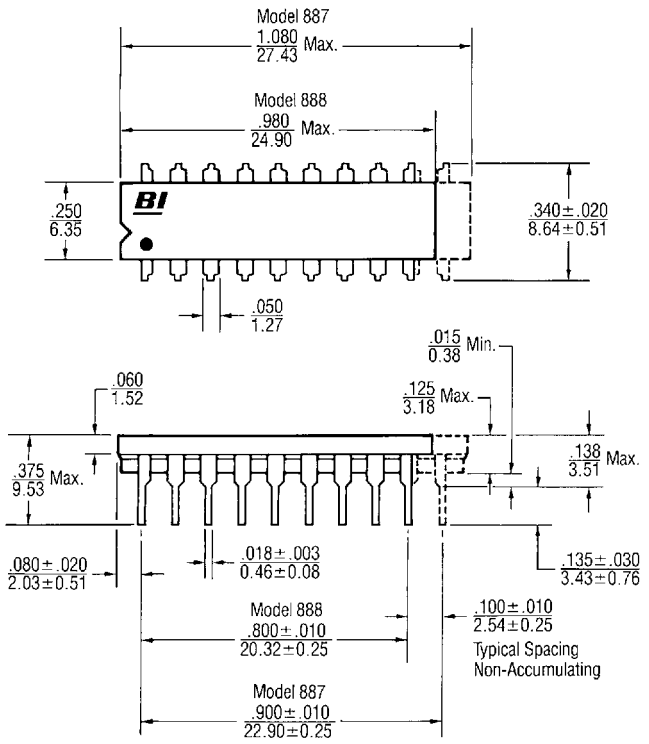
Networks

Outline Dimensions *inches / mm*

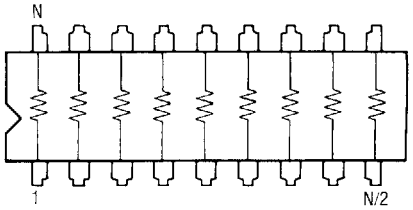


Note: Unless otherwise specified, tolerances are $\pm \frac{.005}{0.13}$

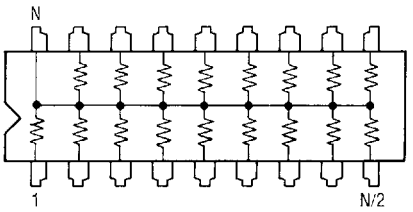
Schematics: Standard

888: N = 18 Leads
887: N = 20 Leads

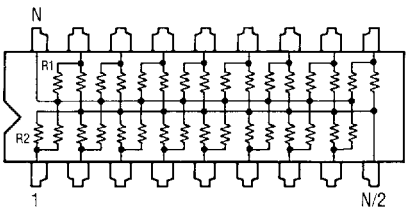
—3 Circuit Isolated Resistors



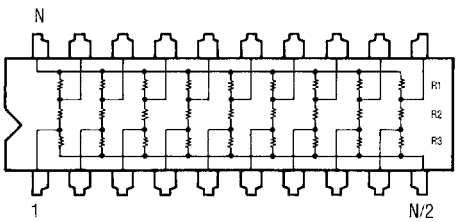
—1 Circuit Bussed Resistors



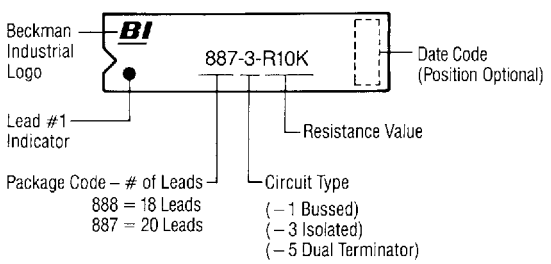
—5 Circuit Dual Terminator



—6 Circuit SCSI Terminator



Typical Part Marking

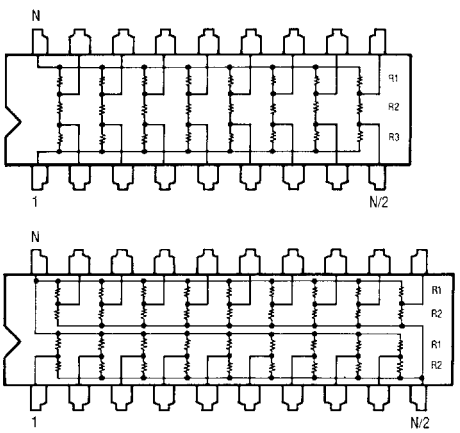


Packaging

Standard: Magazine
All units oriented with lead #1 to the same side.
Magazine: Material = Anti-Static Plastic
Capacity, Units = 20

Custom Capabilities

Circuits shown are representative of our custom circuit capability.
Consult factory for additional applications.



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