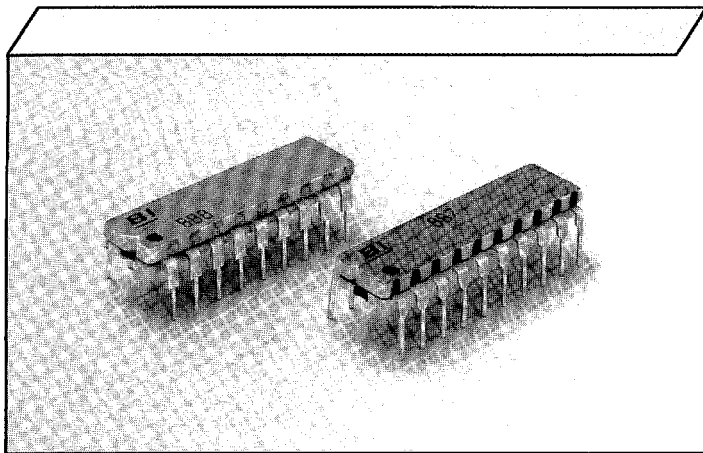


Model 888, 887

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 $\pm 2\%$ -5 Circuits $\pm 5\%$ (≤ 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

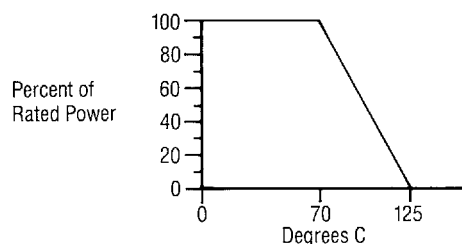
Lead Material	Copper Alloy, 60/40 Tin-Lead Plating
Substrate Material	Alumina
Resistor Material	Cermet

Environmental (Per MIL-R-83401)

Thermal Shock Plus Power Conditioning	(ΔR) $\pm 0.70\%$
Short Time Overload	(ΔR) $\pm 0.50\%$
Terminal Strength	(ΔR) $\pm 0.25\%$
Moisture Resistance	(ΔR) $\pm 0.50\%$
Mechanical Shock	(ΔR) $\pm 0.25\%$
Vibration Shock	(ΔR) $\pm 0.25\%$
Low Temperature Storage	(ΔR) $\pm 0.25\%$
High Temperature Exposure	(ΔR) $\pm 0.50\%$
Load Life, 1,000 Hours	(ΔR) $\pm 1.00\%$
Resistance to Soldering Heat (Per MIL-STD-202, Method 210, Cond. B)	(ΔR) $\pm 0.25\%$
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

Model Series	88	7	-5-	R220	/	330	F	Tolerance Code (If other than standard) F = $\pm 1\%$ G = $\pm 2\%$ J = $\pm 5\%$
Number of Leads	8 = 18 Leads 7 = 20 Leads							
Circuit Type	1 = Bussed 3 = Isolated 5 = Dual Terminator							R2 Resistance Value Add for -5 circuit only
Resistance Value								

Applicable Documents

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

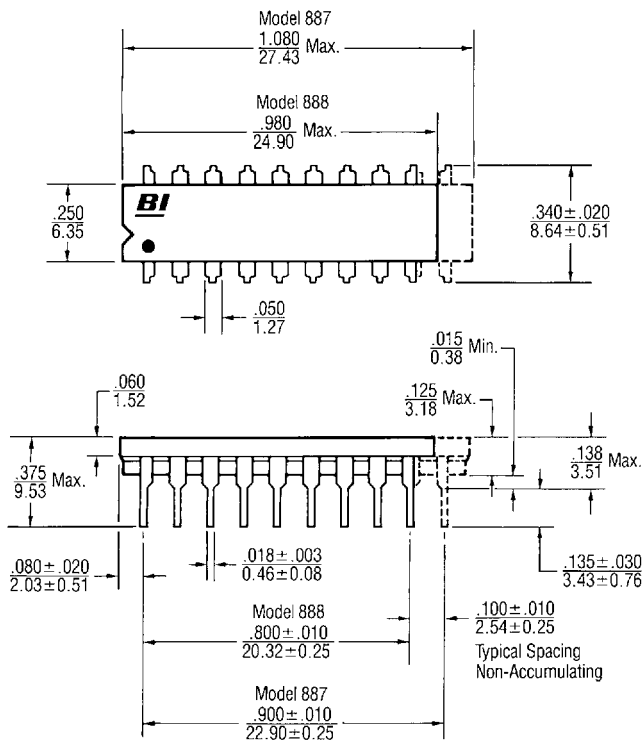
Approved to British Standard Specification BS9450 F0001.

Beckman Industrial™

Affiliate of Emerson Electric Co.

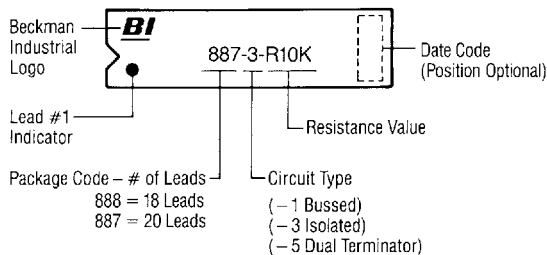
Networks

Outline Dimensions Inches mm



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

Typical Part Marking



Packaging

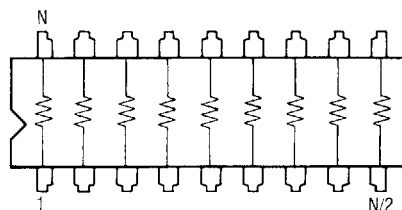
Standard: Magazine

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

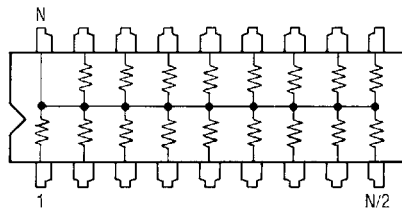
Schematics: Standard

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

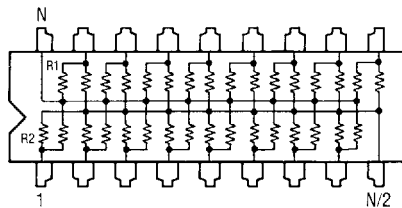
—3 Circuit Isolated Resistors



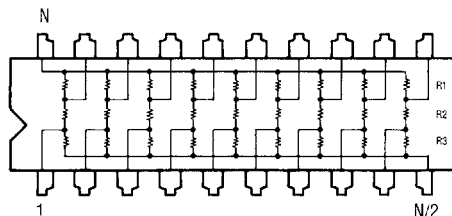
—1 Circuit Bussed Resistors



—5 Circuit Dual Terminator

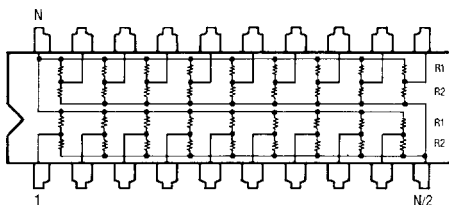
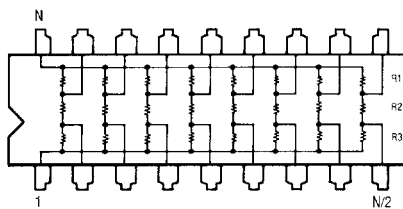


—6 Circuit SCSI Terminator



Custom Capabilities

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



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