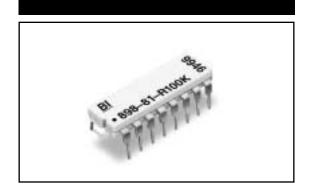
MODELS 898, 899

R/2R Ladder Dual-In-Line Thick Film Resistor Networks



ELECTRICAL

Standard Resistance Range, Ohms	1K to 500K
Standard Resistance Tolerance, at 25°C	±2%
Operating Temperature Range	-40°C to +70°C
Temperature Coefficient of Resistance	±100ppm/°C
Maximum Operating Voltage	100Vdc or √PR
Insulation Resistance	≥10,000 Megohms
Ladder Network Accuracy	8 Bits: ±1/2LSB, -40°C to +70°C
	10 Bits: ±1LSB, -40°C to +70°C

MECHANICAL

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

APPLICABLE DOCUMENTS

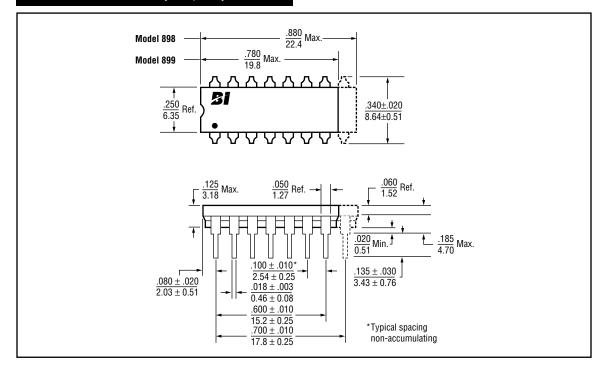
MIL-R-83401 — Resistor Networks, Fixed, Film, General Specifications

MIL-STD-202 — Test Methods for Electronic and Electrical Component Parts

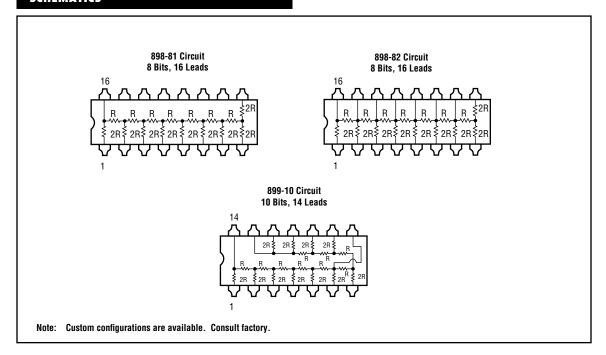
MIL-STD-105 — Sampling Procedures and Tables for Inspection by Attributes

Specifications subject to change without notice.

OUTLINE DIMENSIONS (Inch/mm)



SCHEMATICS



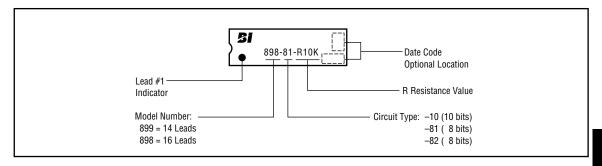
STANDARD RESISTANCE VALUES, OHMS

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

POWER DISSIPATION, WATTS AT 70°C

Model	Per Package	Per Resistor
898-8X	0.8	.050
899-10	1.0	.050

TYPICAL PART MARKING



PACKAGING

Standard: Magazines

All Units oriented with lead #1 to the same side.

Magazine: Material = Antistatic Plastic

Capacity = 25 Units

ORDERING INFORMATION

