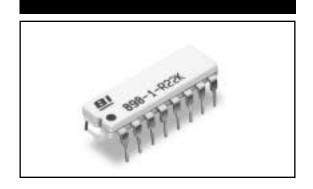
MODELS 898, 899

Dual-In-Line Thick Film Resistor Networks



ELECTRICAL

Standard Resistance Range, Ohms *	10 to 10Meg
Standard Resistance Tolerance, at 25°C	±2% (<33 0hms = ±2 0hms)
	Optional: ±1% (F Tol.)
Operating Temperature Range	-55°C to +125°C
Temperature Coefficient of Resistance	±100ppm/°C (<100 0hms = ±250ppm/°C)
Temperature Coefficient of Resistance Tracking	±50ppm/°C
Maximum Operating Voltage	100Vdc or √PR
Insulation Resistance	≥10,000 Megohms

ENVIRONMENTAL (PER MIL-R-83401)

ΔR 0.70%
ΔR 0.50%
ΔR 0.25%
ΔR 0.50%
ΔR 0.25%
ΔR 0.25%
ΔR 0.25%
ΔR 0.50%
ΔR 1.00%
ΔR 0.25%
200V rms for 1 minute
215°C for 3 minutes
MIL-STD-202, Method 215
MIL-STD-202, Method 208
UL-94V-O Rated
-55°C to +125°C

^{*} Plus "0 Ohm" jumper

Specifications subject to change without notice.

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-105 — Sampling Procedures and Tables for Inspection by Attributes

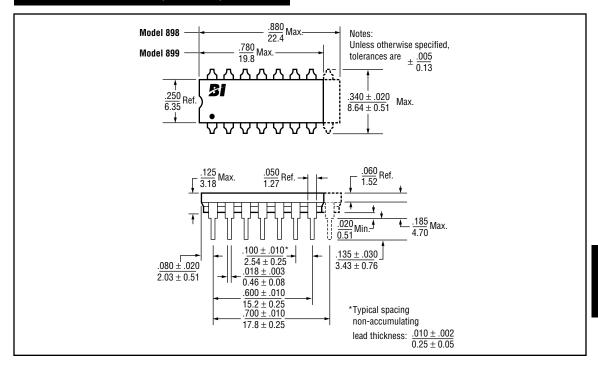
MIL-STD-202 — Test Methods for Electronic and Electrical Component Parts

STANDARD RESISTANCE VALUES, OHMS

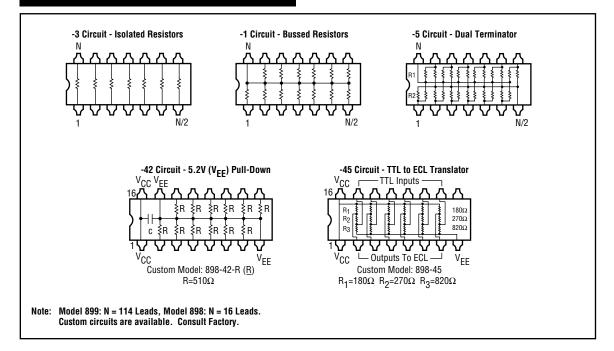
-3 Circuit (Isola	ted Resistors)	& -1 Circuits (B	ussed Resistors)	
22	390	5.6K	100K	
27	470	6.8K	120K	
33	510	8.2K	150K	
39	560	10K	180K	
47	680	12K	200K	
51	820	15K	220K	
56	1K	18K	270K	
68	1.2K	20K	330K	
82	1.5K	22K	390K	
100	1.8K	27K	470K	
120	2K	33K	510K	
150	2.2K	39K	560K	
180	2.7K	47K	680K	
200	3.3K	51K	820K	
220	3.9K	56K	1Meg	
270	4.7K	68K		
330	5.1K	82K		
-5 Circuit (Dual Terminators)				
R1/R2	R1/R2	R1/R2	R1/R2	
180/390	220/330	330/470	3K/6.2K	
220/270	330/390	330/680		

POWER DISSIPATION, WATTS AT 70°C

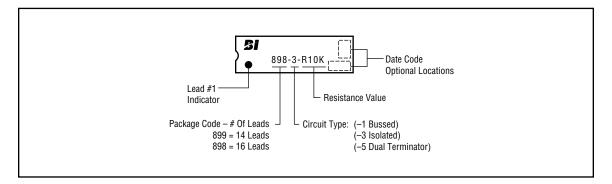
		——Resistor (Per Circuit)——			
Model	Package	-1	-3	-5	
898	2.0	.125	.250	.125	
899	1.8	.125	.250	.125	



SCHEMATICS



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

