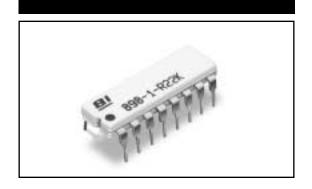
MODELS 898, 899

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 Ohms = ±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

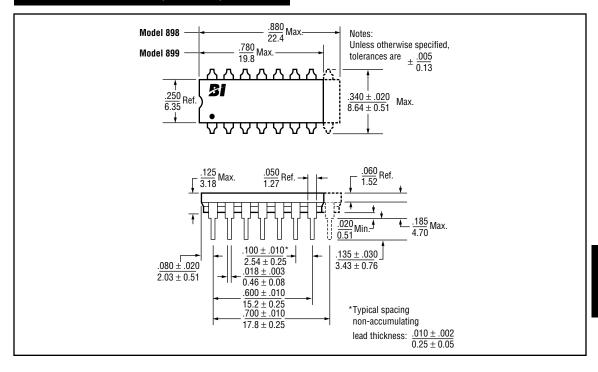
MIL-STD-202 — Test Methods for Electronic and Electrical Component Parts

STANDARD RESISTANCE VALUES, OHMS

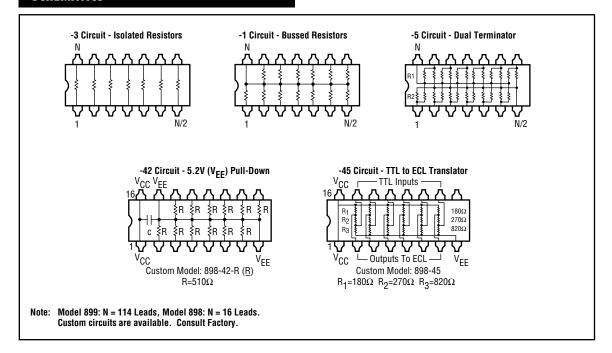
-3 Circuit (Isola	ted Resistors)	& -1 Circuits (B	ussed Resistors)		
22	390	5.6K	100K		
27	470	6.8K	120K		
33	510	8.2K	150K		
39	560	10K	180K		
47	680	12K	200K		
51	820	15K	220K		
56	1K	18K	270K		
68	1.2K	20K	330K		
82	1.5K	22K	390K		
100	1.8K	27K	470K		
120	2K	33K	510K		
150	2.2K	39K	560K		
180	2.7K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

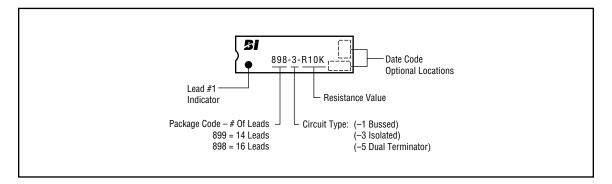
		——Resistor (Per Circuit)——		
Model	Package	-1	-3	-5
898	2.0	.125	.250	.125
899	1.8	.125	.250	.125



SCHEMATICS



TYPICAL PART MARKING



PACKAGING

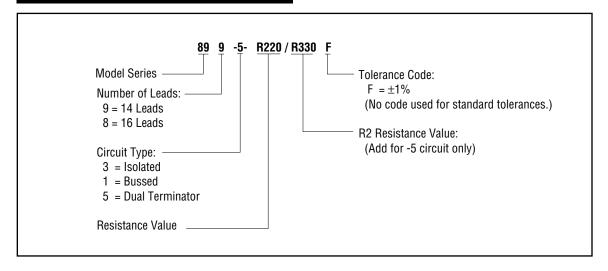
Standard: Magazines

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

Magazine: Material = Antistatic Plastic

Capacity = 25 Units

ORDERING INFORMATION



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TT Electronics:

898-1-R1K 898-3-R100 898-3-R27 898-3-R2K 898-3-R4.7K 898-3-R470K 899-1-R100K 899-1-R22K 898-3-R22K 898-1-R1.2K 898-1-R1.5K 898-1-R1.8K 898-1-R100 898-1-R100K 898-1-R10K 898-1-R10KLF 898-1-R120 898-1-R120K 898-1-R120K 898-1-R120K 898-1-R120K 898-1-R120K 898-1-R120K 898-1-R22K 898-1-R22K 898-1-R22K 898-1-R22K 898-1-R22K 898-1-R22X 898-3-R12X 898-3-R12X