

Model 898, 899 Dual In-Line

Thick Film Resistor Network

Electrical	
Standard Resistance Range, Ohms	22 to 1Meg
Standard Resistance Tolerance, at 25°C -1 , (<100 Ohms = ± 2 Ohms)	-3 Circuits ±2% - 5 Circuit ±5%
Operating Temperature Range, °C	- 55° to 125°
Temperature Coefficient of Resistance, ppm/°C ±100 (<10	$0 \text{ Ohms} = \pm 250$
Temperature Coefficient of Resistance Tracking, ppm/°C	50
Maximum Operating Voltage, Vdc	100V or √PR
Insulation Resistance, Ohms Minimum	10,000 Meg

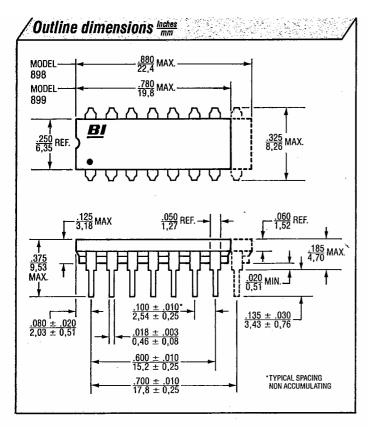
/ Mechanical	
Lead Material	Copper Alloy, 60/40 Tin-Lead Plating
Substrate Material	Alumina
Resistor Material	Cermet

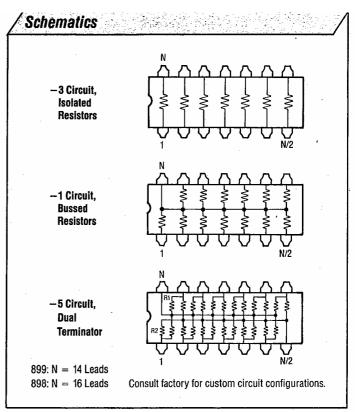
Environmental (Per MIL-R-83401)	
Thermal Shock Plus Power Conditioning	$(\Delta R) \pm 0.70\%$
Short Time Overload	$(\Delta R) \pm 0.50\%$
Terminal Strength	$(\Delta R) \pm 0.25\%$
Moisture Resistance	$(\Delta R) \pm 0.50\%$
Mechanical Shock	$(\Delta R) \pm 0.25\%$
Vibration Shock	$(\Delta R) \pm 0.25\%$
Low Temperature Storage	$(\Delta R) \pm 0.25\%$
High Temperature Exposure	$(\Delta R) \pm 0.50\%$
Load Life, 1000 Hours	$(\Delta R) \pm 1.00\%$
Resistance to Soldering Heat (Per MIL-STD-202, Method 210, Cond. B)	$(\Delta R) \pm 0.25\%$
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

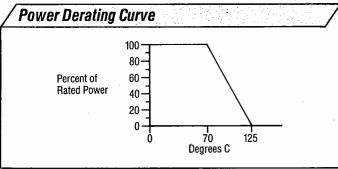
Specifications subject to change without notice.

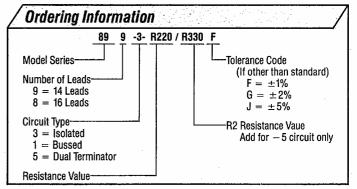
	sistance Valu		d Resistors
22	390	5.6K	100K
27	470	6.8K	120K
33	510	8.2K	150K
39	560	10K	180K
47	680	12K	200K
51	820	15K	220K
56	1K	18K	270K
68	1.2K	20K	330K
82	1.5K	22K	390K
100	1.8K	27K	470K
120	2K	33K	510K
150	2.2K	39K	560K
180	2.7K	47K	680K
200	3.3K	51K	820K
220	3.9K	56K	1Meg
270	4.7K	68K	
330	5.1K	82K	
	– 5 Circuit, Dua	1 Terminators	
R1/F	32	R1/F	32
180/3	390	330/4	170
220/2	270	330/6	680 ⁻
220/3	330	3K/6	.2K
330/3	390		

	Applicable Documents
	MIL-R-83401 — Resistor Networks, Fixed, Film, General Specification
	MIL-STD-105 — Sampling Procedures and Tables for Inspection by Attributes
-	MIL-STD-202 — Test Methods for Electronics and Electrical Component Parts

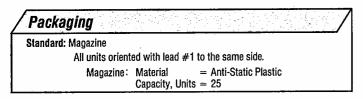


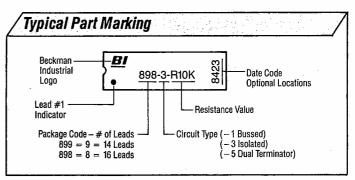






Power (Watts) Dissipation @ 70°C							
Resistor (Per Circuit)							
Model	Package	–1	_3	– 5			
898	2.0	.125	.250	.125			
899	1.8	.125	.250	.125			







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