TO-HERMETIC NETWORK SERIES

Transistor Outline Hermetic Resistor Networks

FEATURES

- **Temperature Coefficient of Resistance**
  (-55 °C to 125 °C, 25 °C as reference.): ± 2.0 ppm/ °C
- **TCR Tracking**
  (-55 °C to 125 °C, 25 °C as reference.):
  Without selection: All within 5 ppm/°C
  With selection: All within 0.5ppm/°C
- **Resistance Range** (per element): 5Ω to 80 KΩ
- **Tolerance**: Absolute: to 0.005%
  Match: to 0.0005%
- **Load Life Stability**: ± 0.015% Max. ΔR under full rated power, @ 70 C for 2000 hours.
- **Shelf Life Stability**: 5 ppm/year. Max. ΔR hermetically sealed.
- **Rise Time**: 1ns, effectively no ringing.

For complete datasheet on resistive elements please go to: http://www.texascomponents.com/pdf/vrhc.pdf

	Model	Number Of Pins	Chip Capacity		Power Rating @70°C	Package Type	Dimensions In Inches
			V5x5	V15x5			
	**1401**	3	2	--	0.15W	TO-18 3 Pin Hermetic	DIA.: 0.209-0.230 H: 0.200 Max. LL: 0.500 Min.
			1	1			
			--	1			
	**1403**	4	2	1	0.15W	TO-18 4 Pin Hermetic	DIA.: 0.209-0.230 H: 0.200 Max. LL: 0.500 Min.
			5	--			
	**1413**	8	9	3	0.4W	TO-5 8 Pin Hermetic	DIA.: 0.350-0.370 H: 0.200 Max. LL: 0.500 Min.
	1417	8	12	3	0.4W	TO-5 8 Pin Hermetic	DIA.: 0.350-0.370 H: 0.200 Max. LL: 0.500 Min.
	**1419**	10	12	3	0.4W	TO-5 10 Pin Hermetic	DIA.: 0.350-0.370 H: 0.200 Max. LL: 0.500 Min.
	**1421**	12	49	16	0.6W	TO-8 12 Pin Hermetic	DIA.: 0.590-0.610 H: 0.150 Max. LL: 0.500 Min.
	**1422**	16	49	16	0.6W	TO-5 16 Pin Hermetic	DIA.: 0.590-0.610 H: 0.200 Max. LL: 0.500 Min.

Construction	Hermeticity
Metal cover: grade A Nickel **Header:** Gold Plated Kovar **Leads:** Kovar with 50 µ" gold plating, Mil-Std-1276, Type K22-A3	**Gross Leak:** Mil-Std-202 Method 112, test Condition D

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