



Type D-100 TEMPERATURE SENSITIVE Micro-Miniature Wirewound Conformal Coated *Temperature Compensating and Trimming Applications*



Applications

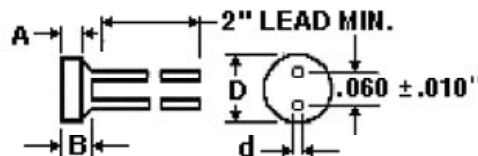
Temperature control, detection, and indication.
Measuring and testing equipment.

- Load Cell compensating and trimming
- Temperature protection indication
- Liquid temperature sensors.

Features

Matching temperature coefficient available
Excellent repeatability. Quick response time.
Linear resistance change with temperature.
Wide operating temperature. -65° to +150°

- Wirewound for accuracy. Epoxy construction
- Ratio match resistance available.
- High positive temperature coefficient
- High Ohmic values
- Guaranteed part-to-part interchangeability

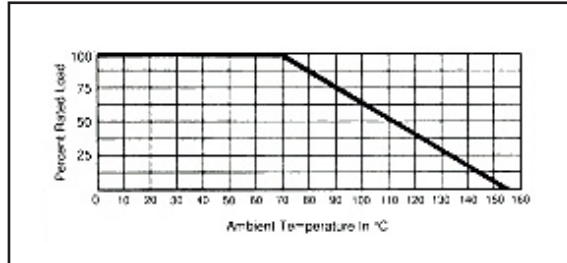


Dimension Shown in Inches. Conversion to M.M. = Inch x 25.4

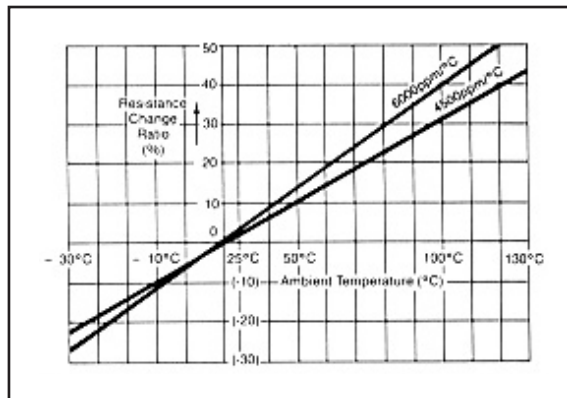
Type D-100 Conformal Coated										
Specification: Flat surface facilitates bonding for excellent response time										
M-O P/N	Rated Watt 70°C	Temp. Coeff.	Resistance Range (ohms)	Resistor Tolerance	T.C.R. Tol.	A ±.010	B ±.032	D ±.015	d awg	Max. Volts DC
D-100E	0.05W	+ 20ppm	40 - 25K	1% to 10%	7%	.045	.100	.200	30	75
D-100F	0.05W	+ 3500ppm	10 - 3K	1% to 10%	7%	.045	.100	.200	30	75
D-100B	0.05W	+ 4500ppm	10 - 2K	1% to 10%	7%	.045	.100	.200	30	75
D-100N	0.05W	+ 6000ppm	10 - 350	1% to 10%	7%	.045	.100	.200	30	75



Derating Curve



Linearity Resistance Change vs. Temp.



How to Order

Example: .05w +3500TC 10 ohm
5%

<u>D100F</u>	<u>10R0</u>	<u>J</u>
P/N	Resistance	J=5%
	4 digit <100 use R	K=10%
	for decimal. >100	
	4th	
	digit is multiplier	