



Type 401 TEMPERATURE SENSITIVE Micro-Miniature Wirewound Temperature *Compensating and Trimming Applications*



Applications

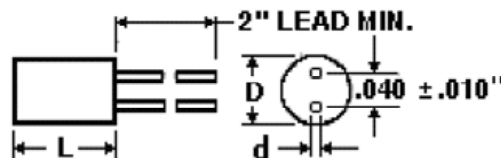
Temperature control, detection, and indication.
Measuring and testing equipment.

- 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

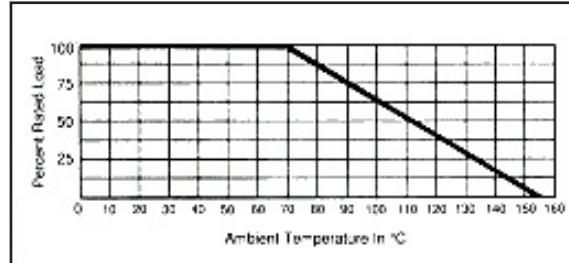


Dimension Shown in Inches. Conversion to M.M. = Inch x 25

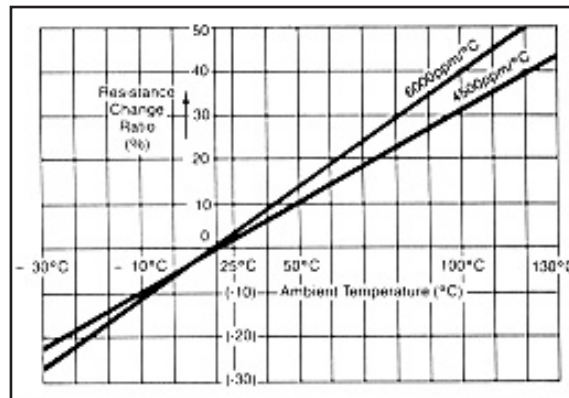
Type 401 Encapsulated									
M-O P/N	Rated Watt 70°C	Temp. Coeff.	Resistance Range (ohms)	Resistor Tolerance	T.C.R. Tol.	L ±.032	D ±.015	d Awg	Max Volts DC
401E	0.05W	0 + 20ppm	.5 - 30K	.05% to 10%	7%	.175	.105	28	75
401F	0.05W	0 + 3500ppm	.5 - 7K	*1% to 20%	7%	.175	.105	28	75
401B	0.05W	0 + 4500ppm	.5 - 5K	*1% to 20%	7%	.175	.105	28	75
401N	0.05W	0 + 6000ppm	1 - 500	*1% to 20%	7%	.175	.105	28	75

* 1% tolerance available only on values over 10 ohms. Also available in axial lead configuration. Order as type 110

Derating Curve



Linearity Resistance Change vs. Temp.



HOW TO ORDER

Example: **.05W 10 ohm 4500ppm 5%**

401B

Type

10R0

Resistance

4 digit. <100 Ω use R for decimal

>100Ω 4th digit is multiplier

J

Tolerance

F = 1%

J = 5%

K = 10%

M = 20%