

Features

- RoHS compliant*
- Increased lead density
- Custom circuits available per factory

For information on thin film applications, download Bourns' Thin Film Application Note.

4400T - Thin Film Wide Body Gull Wing

Product Characteristics

Resistance Range10 to 150K ohms Resistance Tolerance

±0.1 %, ±0.5 %, ±1 %)
Temperature Coefficient	
±100 ppm/°C, ±50 ppm/°C	

±25 ppm/°C Temperature Range

Insulation Resistance

.....10,000 megohms minimum TCR Tracking±5 ppm/°C Maximum Operating Voltage.......50 V

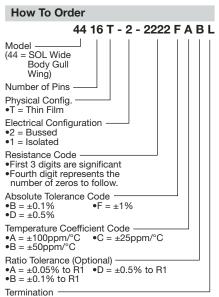
Environmental Characteristics

TESTS PER MIL-STD-202	.ΔR MAX
Thermal Shock	0.1 %
Short Time Overload	0.1 %
Resistance to Soldering Heat	0.1 %
Moisture Resistance	0.5 %
Life	0.5 %

Physical Characteristics

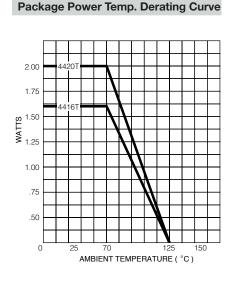
Lead Frame Material

C	Copper, solder coated
Body Material Flam	mability
(Conforms to UL94V-0
Body Material	Novolac Epoxy



L = Tin-plated (RoHS compliant)

Consult factory for other available options.



Package Power Ratings at 70 °C

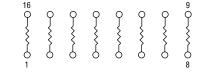
4416T	1.60 watts
4420T	2.00 watts

Typical Part Marking

Represents total content. Layout may vary.

PART NUMBER RESISTANCE	CIRCUIT CIRCUIT TC CODE CODE CODE CIRCUIT
CODE (4 DIGIT)	TOLERANCE CODE
PIN ONE	DATE CODE
INDICATOR	-MANUFACTURER'S TRADEMARK

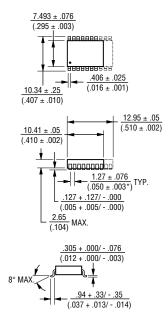
Isolated Resistors (1 Circuit) Available in 16 and 20 Pin



These models incorporate 8 or 10 thin-film resistors of equal value, each connected between a separate pin.

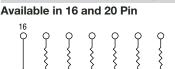
Power Rating per Resistor......0.15 watt Resistance Range10 to 150K ohms

Product Dimensions

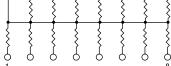


Governing dimensions are in metric. Dimensions in parentheses are inches and are approximate.

*Terminal centerline to centerline measurements made at point of emergence of the lead from the body.



Bussed Resistors (2 Circuit)



These models incorporate 15 or 19 thin-film resistors of equal value, each connected by a common pin.

Power Rating per Resistor......0.10 watt Resistance Range10 to 75K ohms