

## Features

- Low profile provides compatibility with DIPs
- Also available in medium profile (4600S - .250") and high profile (4600K - .350")
- Marking on contrasting background
- Custom circuits available per factory

## 4600T, S, K Series - Thin Film Conformal SIP

### Product Characteristics

#### Resistance Range

Bussed .....49.9 to 100K ohms  
 Isolated .....20 to 200K ohms  
 Series.....20 to 100K ohms

#### Resistance Tolerance

.....±0.1%, ±0.5%, ±1%

#### Temperature Coefficient

.....±100ppm/°C, ±50ppm/°C,  
 ±25ppm/°C

#### Temperature Range

.....-55°C to +125°C

#### Insulation Resistance

.....10,000 megohms minimum

#### TCR Tracking

.....±5ppm/°C

### Environmental Characteristics

#### Thermal Shock and

Power Conditioning .....0.1%

Short Time Overload ..... 0.1%

Terminal Strength ..... 0.25%

Resistance to Soldering Heat ..... 0.1%

Moisture Resistance ..... 0.1%

Life ..... 0.5%

### Physical Characteristics

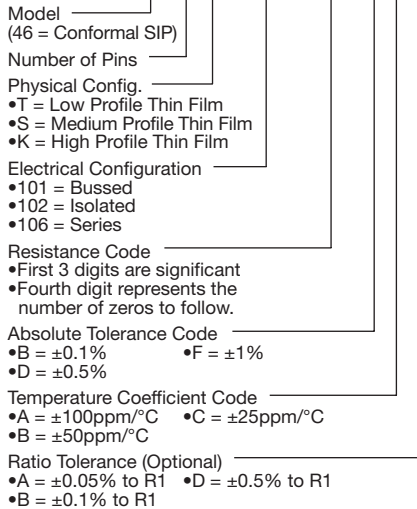
#### Body Material Flammability

.....Conforms to UL94V-0

#### Body Material.....Epoxy resin

### HOW TO ORDER

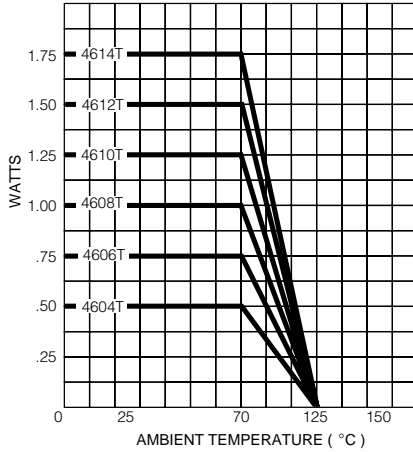
**46 11 T - 101 - 2222 F A B**



Consult factory for other available options.

### Package Power Temp. Derating Curve

(Low Profile, 4600T)

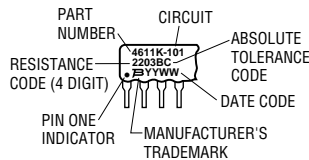


### Package Power Ratings at 70°C

	T	S	K
4604	0.50	0.60	0.8 watts
4605	0.63	0.75	1.0 watts
4606	0.75	0.90	1.2 watts
4607	0.88	1.05	1.4 watts
4608	1.00	1.20	1.6 watts
4609	1.13	1.35	1.8 watts
4610	1.25	1.50	2.0 watts
4611	1.38	1.65	2.2 watts
4612	1.50	1.80	2.4 watts
4613	1.63	1.95	2.6 watts
4614	1.75	2.10	2.8 watts

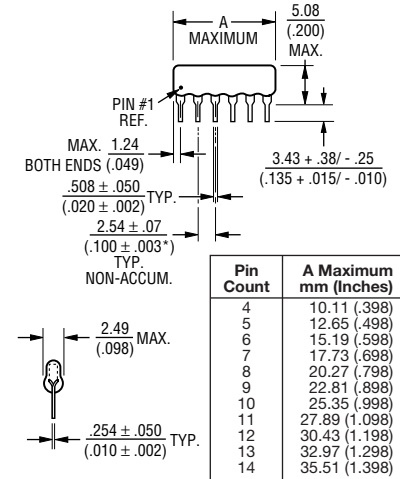
### TYPICAL PART MARKING

Represents total content. Layout may vary.



### Product Dimensions

4600T



Maximum package length is equal to 2.54mm (.100") times the number of pins, less .005mm (.002").

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

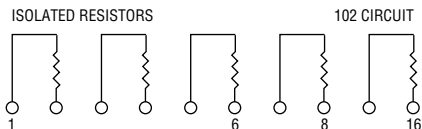
\*Terminal centerline to centerline measurements made at point of emergence of the lead from the body.

# 4600T, S, K Series - Thin Film Conformal SIP



## Isolated Resistors (102 Circuit)

Available in 4, 6, 8, 10, 12, 14, 16 Pin



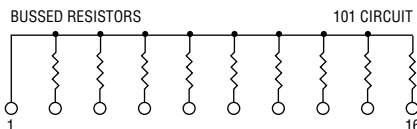
These models incorporate 2 to 8 isolated thin-film resistors of equal value, each connected between a separate pin.

## Power Rating per Resistor

T .....0.18 watt  
 S .....0.20 watt  
 K .....0.25 watt  
 Resistance Range... ..20 to 200K ohms

## Bussed Resistors (101 Circuit)

Available in 4 through 16 Pin



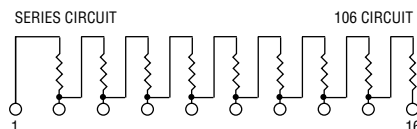
These models incorporate 3 to 15 thin-film resistors of equal value, each connected between a separate pin.

## Power Rating per Resistor

T .....0.10 watt  
 S .....0.12 watt  
 K .....0.15 watt  
 Resistance Range...49.9 to 100K ohms

## Series Circuit (106 Circuit)

Available in 4 through 16 Pin



These models incorporate 3 to 15 thin-film resistors of equal value, each connected in a series.

## Power Rating per Resistor

T .....0.10 watt  
 S .....0.12 watt  
 K .....0.15 watt  
 Resistance Range .....20 to 100K ohms