

#### **Features**

- RoHS compliant\* (see How to Order "Termination" option)
- Low profile provides compatibility with DIPs
- Also available in medium profile (4300S - .250 ") and high profile (4300K - .350 ")
- Marking on contrasting background
- Custom circuits available per factory



The model 4300T series is currently available but not recommended for new designs.

### 4300T, S, K Series - Thin Film Molded SIP

#### **Product Characteristics**

Resistance Range
Bussed49.9 to 100K ohms
Isolated20 to 200K ohms
Series20 to 100K ohms
Resistance Tolerance
±0.1 %, ±0.5 %, ±1 %
Temperature Coefficient
±100 ppm/°C, ±50 ppm/°C,
±25 ppm/°C
Temperature Range55 °C to +125 °C
Insulation Resistance
10,000 megohms minimum
TCR Tracking±5 ppm/°C
Maximum Operating Voltage50 V

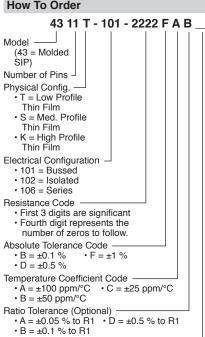
#### **Environmental Characteristics**

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 0.50	%

#### **Physical Characteristics**

i ilyolodi Ollara	10101100
Body Material Fl	ammability
	Conforms to UL94V-0
Lead Frame Mat	
	Copper, solder coated
Body Material	Novolac epoxy

#### **How To Order**

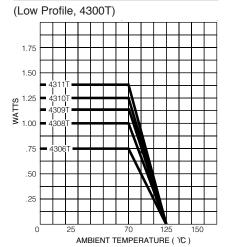


- L = Tin-plated (RoHS compliant version)
- · Blank = Tin/Lead-plated

Terminations -

Consult factory for other available options

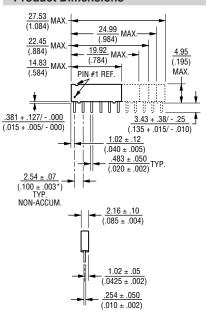
#### Package Power Temp. Derating Curve



#### Package Power Ratings at 70 °C

	Т	S	K	
4304		0.60	0.80	watts
4306	0.75	0.90	1.20	watts
4308	1.00	1.20	1.60	watts
4309	1.13			watts
4310	1.25	1.50	2.00	watts
4311	1.38			watts

#### **Product Dimensions**

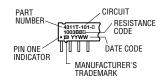


Governing dimensions are in metric. Dimensions in parentheses are inches and are approximate.

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

#### **Typical Part Marking**

Represents total content. Layout may vary.





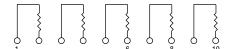
\*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

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## 4300T, S, K Series - Thin Film Molded SIP

### BOURNS®

Isolated Resistors (102 Circuit) Available in 6, 8, 10 Pin

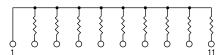


These models incorporate 3, 4, or 5 isolated thin-film resistors of equal value, each connected between a separate pin.

Power	Rating	per	Resistor
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T	0.18 watt
S	0.20 watt
K	0.25 watt
Resistance Range20	to 200K ohms

Bussed Resistors (101 Circuit) Available in 6, 8, 9, 10, 11 Pin

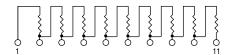


These models incorporate 5, 7, 8, 9, or 10 thin-film resistors of equal value, each connected between a separate pin.

#### **Power Rating per Resistor**

Τ		0.10 watt
S		0.12 watt
Κ		0.15 watt
R	esistance Range49.9	to 100K ohms

Series Circuit (106 Circuit) Available in 6, 8, 9, 10, 11 Pin



These models incorporate 5, 7, 8, 9, or 10 thin-film resistors of equal value, each connected in a series.

#### **Power Rating per Resistor**

Т	0.10 watt
S	0.12 watt
K	
Resistance Range20	to 100K ohms

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