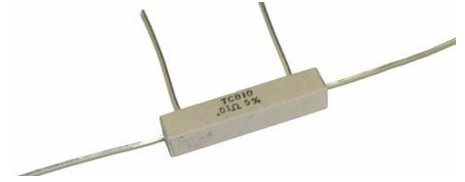


特長 / Features:

- 4 端子部品
- 低インダクタンス特性
- 低温度係数特性
- 難燃性
- 溶接端子
- セラミックに封入された低抵抗値の抵抗
- 定格と性能については、CB(セメント同軸導線巻線抵抗器)を参照ください
- Four terminal construction
- Low inductance
- Low temperature coefficient
- Fireproof construction
- All welded termination
- Low resistance value ceramic encased resistor
- See CB data sheet for performance and environmental specifications



定格 / Electrical Specifications

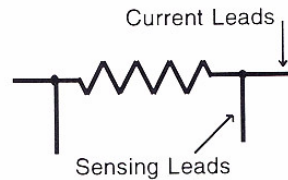
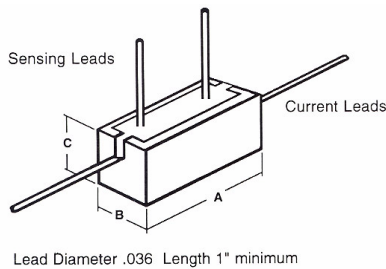
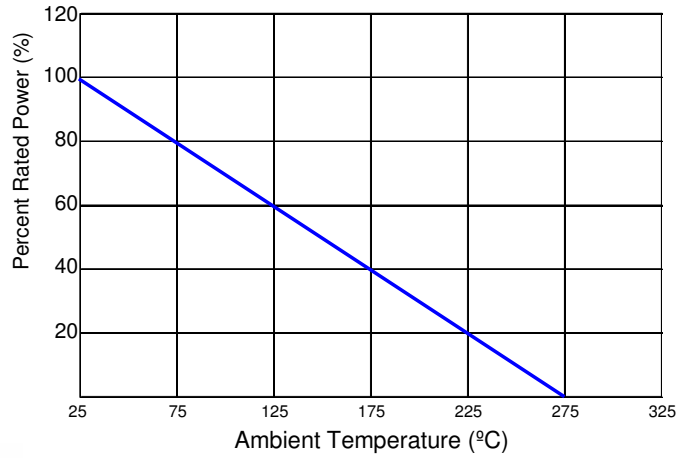
形名 Type / Code	定格電力 Power Rating (Watts) @ 70°C	抵抗温度係数 Resistance Temperature Coefficient	抵抗値範囲 (Ω) / 抵抗値許容差 Ohmic Range (Ω) and Tolerance		
			0.25%, 0.5%	1%	5%
TCB 3	3W	±40 ppm/°C	0.02 - 0.10	0.005 - 0.10	0.005 - 0.10
TCB 5	5W	±40 ppm/°C	0.02 - 0.10	0.005 - 0.10	0.005 - 0.10
TCB 7	7W	±40 ppm/°C	0.02 - 0.15	0.010 - 0.15	0.010 - 0.15
TCB 10	10W	±40 ppm/°C	0.02 - 0.20	0.010 - 0.20	0.010 - 0.20
TCB 15	15W	±40 ppm/°C	0.02 - 0.10	0.010 - 0.20	0.010 - 0.20

性能 / Performance Characteristics

試験項目 Test	規格値 Test Results
耐湿負荷 Moisture Resistance	± 5%
温度急変 Thermal Shock	± 2%
定格負荷 Load Life @ 70°C - 1,000 hrs.	± 5%
はんだ耐熱性 Resistance to Soldering Heat	± 2%
短時間過負荷 Short Time Overload - 5xPn for 5sec	± 2%
絶縁耐電圧 Dielectric Withstanding Voltage	± 2%

使用温度範囲 / Operating Temperature Range: -55°C to +275°C

Power Derating Curve:



外形寸法 / Mechanical Specifications

形名 Type / Code	寸法 / Dimensions (mm)			
	A Body Length (max)	B Body Width	C Body Height (Bulk)	Sensing Lead Spacing
TCB 3	22.2 ± 0.8	7.9 ± 0.8	7.9 ± 0.8	14.3 ± 1.6
TCB 5	22.2 ± 0.8	9.5 ± 0.8	9.5 ± 0.8	14.3 ± 1.6
TCB 7	35.6 ± 0.8	9.5 ± 0.8	9.5 ± 0.8	25.4 ± 1.6
TCB 10	47.6 ± 0.8	9.5 ± 0.8	9.5 ± 0.8	34.9 ± 1.6
TCB 15	47.6 ± 0.8	12.7 ± 0.8	12.7 ± 0.8	34.9 ± 1.6

形名構成 / How to Order

1	2	3	4	5	6	7	8	9	10
T	C	B	3	J	B	R	1	0	0

品種 Product Series		サイズ Size	定格電力 Power Rating	抵抗値許容差 Tolerance		包装形状 Packaging			抵抗値 Resistance Value
TCB	Ceramic Housed - 4 leads	3	3W	Code	Tol	Code	Description	Size	Quantity
		5	5W	C	0.25%	B	bulk	3 and 5	200
		7	7W	D	0.5%			7, 10, 15	150
		10	10W	F	1%				
		15	15W	J	5%				

10進数の4桁表示。
"L"記号は、10の-3乗を表す。
Four characters with the multiplier used as the decimal holder. "L" used as multiplier of 10⁻³ for any value under 0.1 ohm

0.005 Ω = 5L00
0.01 Ω = 10L0
0.1 Ω = R100