

Tab & Cover Resistors

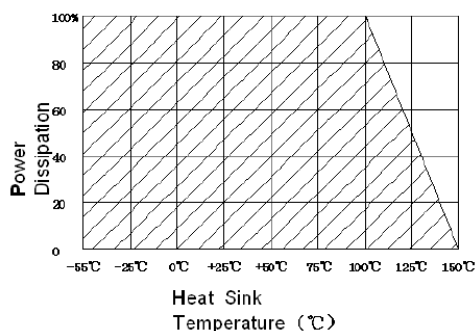
Electrical Features

- ✧ **Standard Resistance:** 100 Ω (4 Ω ~400 Ω available)
- ✧ **Resistive Tolerance:** $\pm 5\%$ standard; $\pm 2\%$, $\pm 1\%$ available
- ✧ **Power Rating:** 5W-800W
- ✧ **Operating Temperature:** -55 $^{\circ}\text{C}$ to +150 $^{\circ}\text{C}$
- ✧ **Temperature Coefficient:** <150ppm/ $^{\circ}\text{C}$
- ✧ **RoHS Compliant**

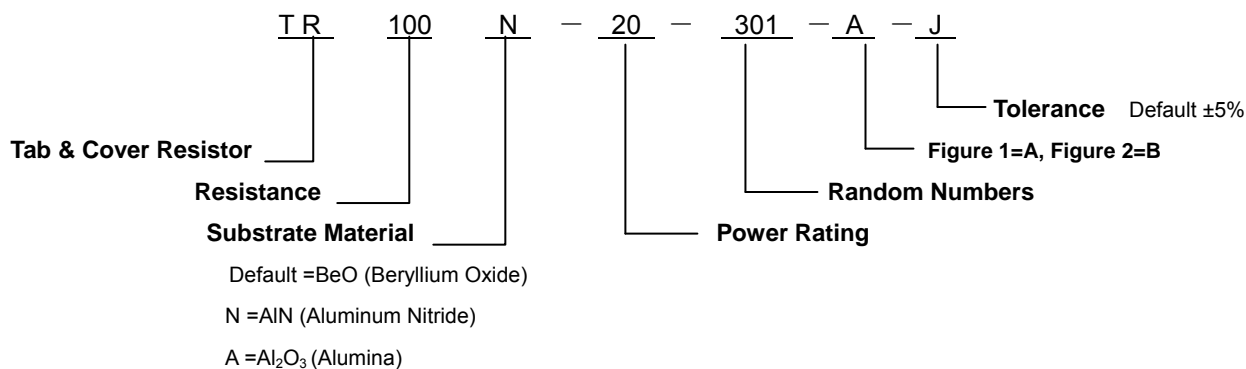
Mechanical Features

- ✧ **Substrate Material:** AlN, BeO, Al₂O₃
- ✧ **Lead:** Beryllium Copper, Silver Plated
- ✧ **Cover:** Alumina Ceramic
- ✧ **Resistive Elements:** Thin Film, Thick Film
- ✧ **Mechanical Tolerance:** $\pm 2\%$
- ✧ **Packaging:** Plastic Box

Power Derating



HOW TO ORDER



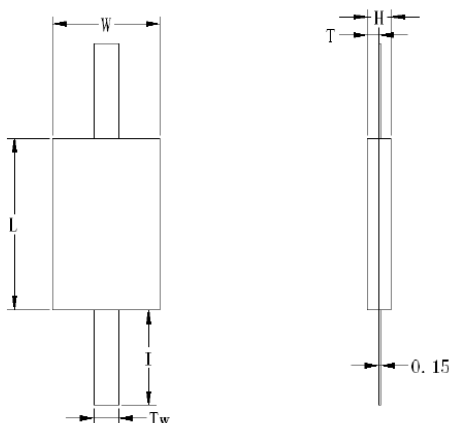
General Specifications and Dimensions for 20W-500W

Part Number	Power Rating (W)	Dimensions (mm)						Outline Drawing
		L	W	T	H	I	Tw	
TR100-20-303A	20	5	2.5	1	1.9	4	1	Figure 1
TR100N-20-303A	20	5	2.5	1	1.9	4	1	Figure 1
TR100-60-102A	60	6	6	1	1.9	6	1	Figure 1
TR100-150-208A	150	6	9	1	1.9	6	1.4	Figure 1
TR100-250-504A	250	9.5	9.5	1	1.9	6	2.4	Figure 1
TR100-500-402A	500	12.7	12.7	1.5	2.4	8	2.4	Figure 1

* Customized products are available, please consult with Kete.

Outline Drawing

Figure 1 (A)



Installation Instructions

1. Solder part or tabs in place with temperature iron (260°C).
2. Forming a small hoop in the tab will act as a strain relief as the heat is dissipated.

