

Tab & Cover Resistors

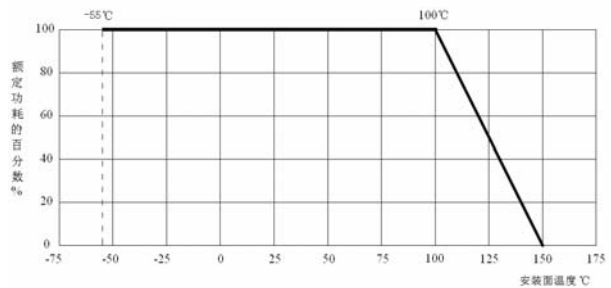
Main Specifications

- ◇ **Standard Resistance:** 100 Ω (4Ω~400Ω available)
- ◇ **Resistive Tolerance:** ±5% standard; ±2%, ±1% available
- ◇ **Power Rating:** 5W-800W
- ◇ **Operating Temperature:** -55°C to +150°C
- ◇ **Temperature Coefficient:** <150ppm/°C
- ◇ **RoHS Compliant**

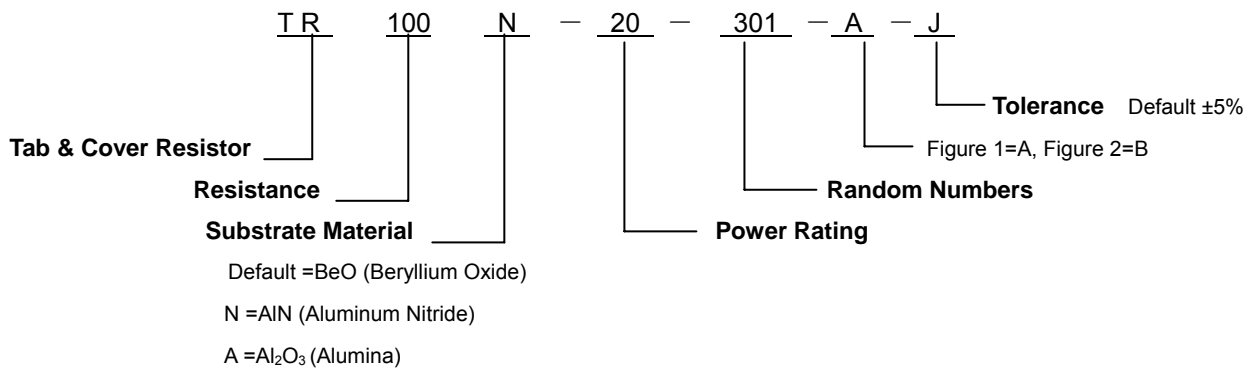
Material Specifications

- ◇ **Tab:** Beryllium Copper or Silver
- ◇ **Cover:** Alumina
- ◇ **Resistor:** Thin Film
- ◇ **Solder:** SN96
- ◇ **Substrate:** BeO, AlN, Al₂O₃
- ◇ **Mechanical Tolerance:** ±2%
- ◇ **Packaging:** Plastic Box

Power Derating



HOW TO ORDER



Resistance Tolerance			
Code	F	G	J
Tolerance	±1%	±2%	±5%

Electrical Specifications and Dimension

Part Number	Power Rating (W)	Freq. (GHz)	Dimension (mm)						Outline Drawing
			L	W	T	H	I	Tw	
TR100-20-303A	20	DC-3	5	2.5	1	1.8	4	1	Figure 1
TR100-20-702A	20	DC-4	4	4	1	1.8	4	1	Figure 1
TR100-30-102A	30	DC-4	6	6	1	1.8	6	1	Figure 1
TR100-60-106A	60	DC-3	6	6	1	1.8	6	1	Figure 1
TR100N-60-302B	60	DC-3	6.35	6.35	1	N/A	6	1	Figure 2
TR100-100-208A	100	DC-3	6	9	1	1.8	6	1.4	Figure 1
TR100-100-502B	100	DC-3	10	10	1	N/A	6	1.4	Figure 2
TR100N-100-501B	100	DC-3	5.7	8.9	1	N/A	6	1.4	Figure 2
TR100-150-302B	150	DC-3	9.5	6.35	1	N/A	6	1.4	Figure 2
TR100N-150-307B	150	DC-3	9.5	6.35	1	N/A	6	1.4	Figure 2
TR100-150-504B	150	DC-4	10	10	1	N/A	6	1.4	Figure 2
TR100-200-504B	200	DC-3	9.5	9.5	1	N/A	6	2.4	Figure 2
TR100N-200-508B	200	DC-2	9.5	9.5	1	N/A	6	1.4	Figure 2
TR100-250-602B	250	DC-2	10	10	1.5	N/A	6	2.4	Figure 2
TR100-400-601B	400	DC-2	12.7	12.7	1	N/A	8	2.4	Figure 2
TR100-500-602B	500	DC-1	12.7	12.7	1	N/A	8	2.4	Figure 2

* We can supply custom product upon your request, please you contact us.

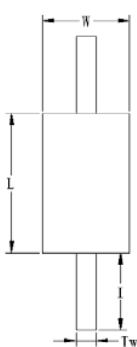
Outline Drawing


Figure 1

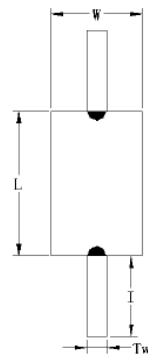
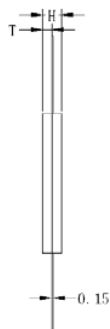
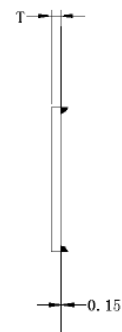
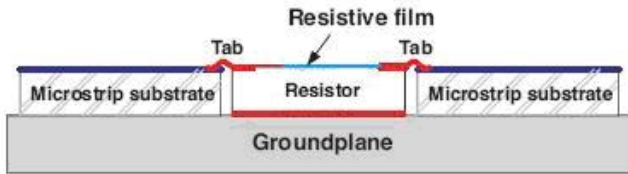


Figure 2



Mounting and Attachment Recommendations



* When attaching tabs or parts to a device, we recommend using controlled temperature iron (260°C).

** Be sure to form a small loop in the tab will act as a strain relief as the heat is dissipated.

Example for Datasheet

Tab & Cover Resistors

Part Number: TR100N-60-302A-J

Electrical Specifications

- ◇ **Nominal Impedance:** 100 Ω \pm 5%
- ◇ **Power Rating:** 60 W
- ◇ **Operating Temperature:** -55 ~+150°C
- ◇ **Temperature Coefficient:** <150ppm/°C
- ◇ **Substrate Material:** AlN
- ◇ **Standard Lead Length:** 6mm
- ◇ **RoHS Compliant**

Outline Drawing (mm)

