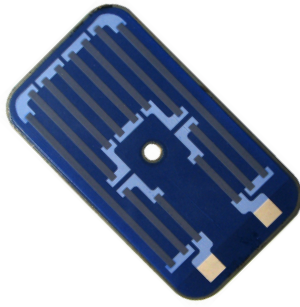


# TFBR Series

Low Profile Power Resistors



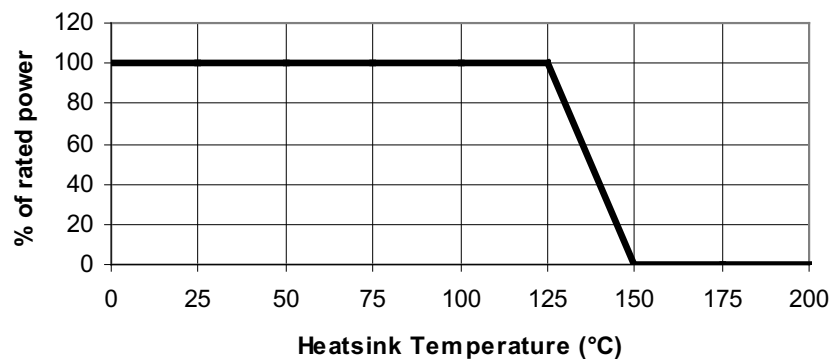
- Resistances from 0.5 to 270 Ohms
- Power Rating to 16000 Watt
- Low inductance

## SPECIFICATIONS

Type	TFBR2	TFBR5
Power Rating (W)	100	300
Max. single pulse power (W) (1ms pulse non-repetitive)	8000	16000
Resistance Range ( $\Omega$ )	0.5 to 270	
Max $\Delta R$ at rated pulse load	$\pm 20\%$	
Max. pulse power (W)	2000	5000
Stability after 50000 cycles	$< \pm 5\%$	
Max. resistor temperature ( $^{\circ}\text{C}$ )	365	
Min. dielectric withstand voltage	250 VDC	
Inductance (typ.)	$< 3\mu\text{H}$	$< 5\mu\text{H}$
Dimensions LxW	60.96 x 40.64 mm [3.78 x 1.6 inches]	122 x 70 mm [4.80 x 2.75 inches]

For tests the resistor was mounted on a heatsink with a thermal resistance of 0.5 K/W air cooled at 15 m/s.

## Derating



## Ordering Information

Part Number - Resistance  
Example: TFBR 100 Ohms