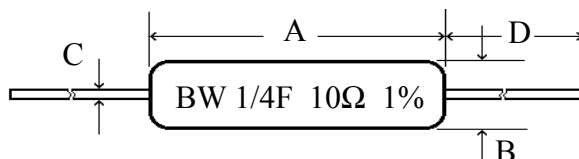
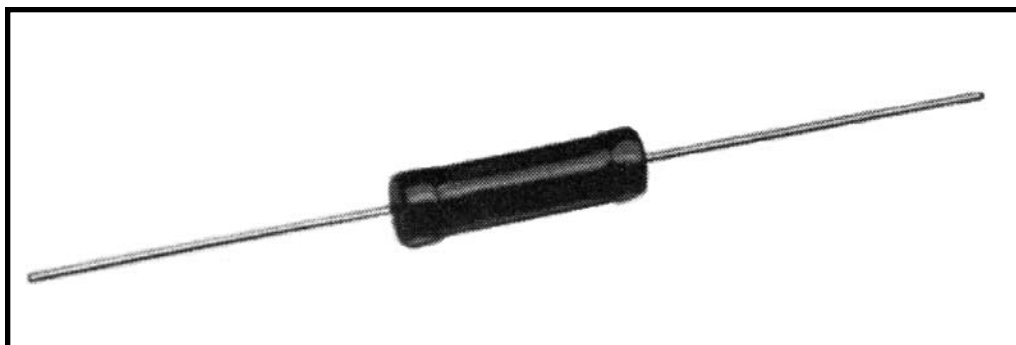


Series: BW

**General Purpose Fuse Resistor
 Failsafe 1/4W to 3 Watts**

The BW series resistor offers a low cost approach to circuit protection in case of overloads or component failure. This resistor is designed to act as a conventional resistor under normal operating conditions, but to quickly go open under continuous overloads. The BW resistor meets all the requirements of EIA RS-325 and eliminates circuit board damage and fire hazards. Due to the near perfect deposition of the resistive film, fusing is uniform and failsafe. Standard fusing characteristics can be altered to the requirements of the customer, if necessary. Residual resistance is a minimum of fifty times the initial value after the fusing action, based on a power level of twenty times the rated power or higher. This part can be marked either with color banding or alpha-numeric printing. All BW series parts are RoHS compliant.



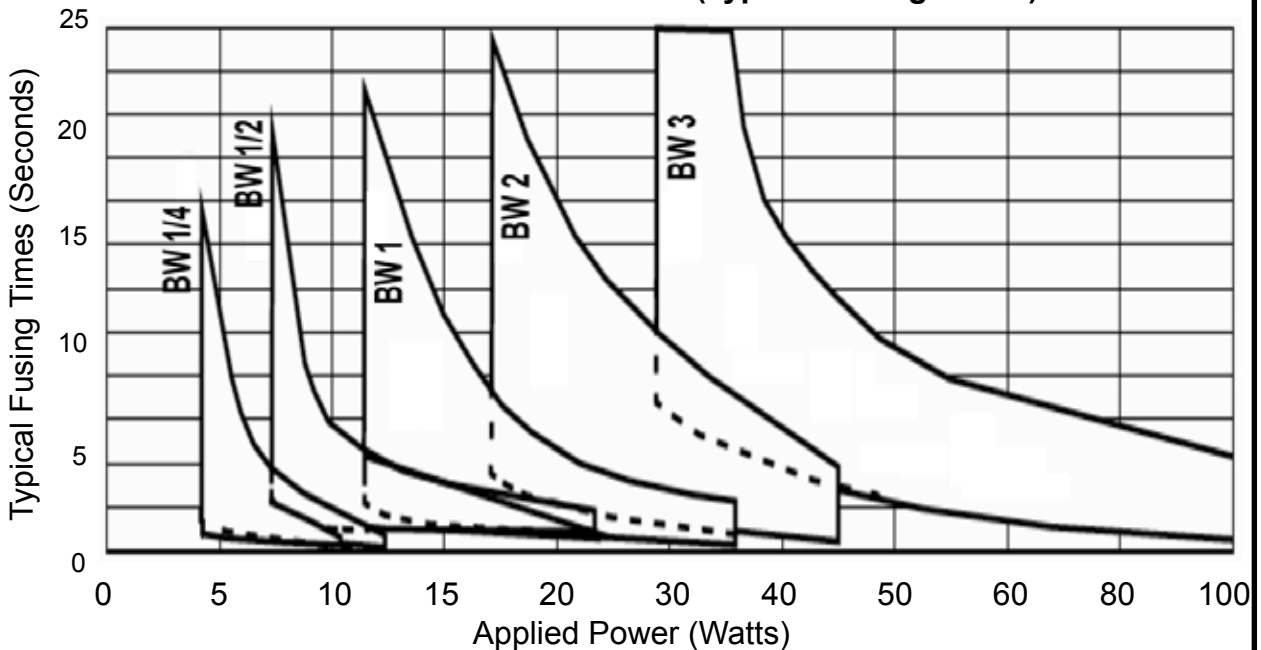
Type	Power 25°C	Max. Voltage	A ±.032 (0.8)	B ±0.02 (0.5)	C ±0.003 (0.05)	D
BW 1/4	1/4W	200V	.250 (6.4)	.090 (2.3)	.022 (.55)	1.02 (26)
BW 1/2	1/2W	250V	.354 (9.0)	.128 (3.3)	.025 (.60)	1.02 (26)
BW1	1W	300V	.375 (9.5)	.135 (3.4)	.026 (.65)	1.02 (26)
BW2	2W	300V	.450 (11.4)	.162 (4.1)	.031 (.80)	1.02 (26)
BW3	3W	300V	.640 ± .062	.225 ± .032	.031 (.80)	1.37 (35)

Series: BW

Features:

- Meets UL and EIA flameproof requirements
- Predictable fusing times
- Meets environmental specs of MIL-R-22684
- Standard sizes from 1/4 watt to 3 watts
- Wide resistance range - 5W to 10K standard

FUSING CHARACTERISTICS (Typical Fusing Times)



Application Notes:

- 1 Fuse resistors reach elevated temperatures prior to opening so it is advisable to elevate the body above the PC board.
- 2 Coating is resistant to most flux removers and cleaning solvents, but should not be brushed while wet.
- 3 Always place resistors inside a flameproof protective case when testing the fusing characteristics.
- 4 Fusing time varies depending on resistance value. Lower values tend to fuse slower.