



The DNA of tech.™



Eliminate the Need for TCR Compensation With WSBE Series Power Metal Strip® Shunt Resistors

The patented technology of Vishay's WSBE Series Power Metal Strip® shunt resistors reduces the temperature coefficient of resistance (TCR) to < 10 ppm/°C across the entire operating range of -55 °C to 150 °C, not just from 20 °C to 60 °C like some competitors. In addition, the devices offer many other advantageous attributes that help simplify designs and reduce costs while achieving the highest levels of performance.

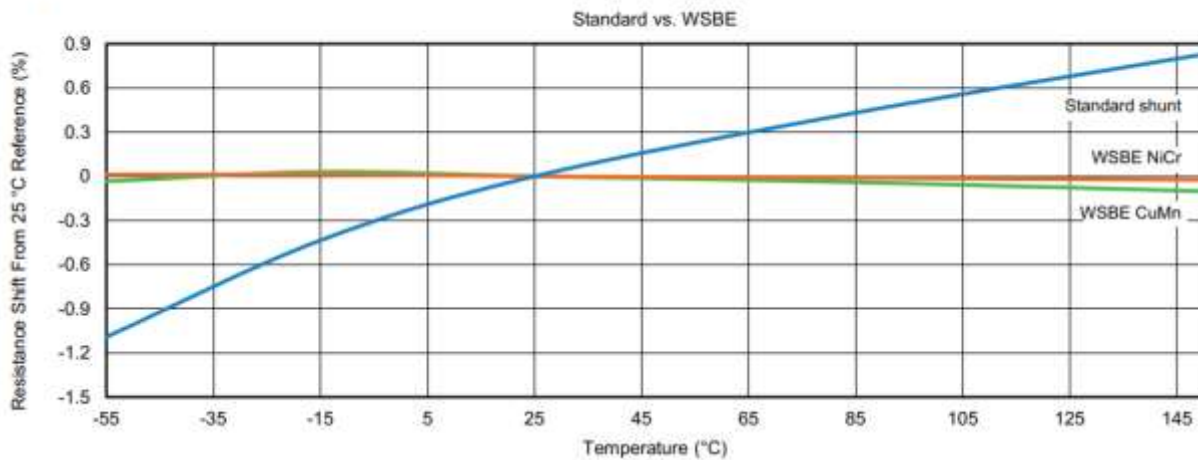


- High power / current to resistor size ratio up to 50 W and 1800 A
- Proprietary processing technique produces extremely low resistance values down to 15 μΩ
- Welded terminal to element construction
- Solid metal nickel-chrome alloy resistive element with patented design for low TCR (down to ± 5 ppm/°C)
- Very low inductance (< 5 nH)
- Low thermal EMF (as low as < 0.8 μV/°C)
- AEC-Q200 qualified

HALOGEN
FREE

GREEN
(5-2008)

TCR COMPARISON



Useful Links

- [WSBE Product page](#)

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