

New MIL PRF Metal Strip Current Sense

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Vishay began manufacturing Metal Strip current sensing resistor technology in 1994. This technology has been a cornerstone in automotive safety, reliability, military, and space applications for decades. However, there has been a gap in meeting the specific needs of higher reliability parts required by military specifications—until now.

The M32773 for ambient performance and M##### for terminal temperature performance bridge this gap. These new specifications offer designers a wide range of resistance values and power ratings that were previously unavailable without a Source Control Drawing. These current sense resistors support high-power supply designs up to 380 Amps, making them ideal for applications such as GaN radar arrays and battery management systems.

This presentation will explore the differences between the two Military Performance specifications and the products detailed in the slash sheets.