

Metrology and Laboratory Resistors Feature High Accuracy



Vishay Intertechnology announced a series of metrology and laboratory ultra-high-precision Bulk Metal Z-Foil resistors built using Z1-Foil technology that features desirable accuracy, stability, and fast thermal stabilization in sizes small enough for permanent assembly in operational equipment. The devices feature a TCR of ± 0.5 ppm/ $^{\circ}\text{C}$ maximum (+25 $^{\circ}\text{C}$ to +125 $^{\circ}\text{C}$), tolerances to 0.005 percent (50 ppm), load-life stability of 0.005 percent (50 ppm) at +70 $^{\circ}\text{C}$ for 10,000 hours, and PCR (?R due to self-heating) of ± 5 ppm at a rated power of 0.6 W at +70 $^{\circ}\text{C}$ and 0.3 W at +125 $^{\circ}\text{C}$.

Vishay Intertechnology

610-407-4800, www.vishay.com [1]

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