

Resistors Present High Dielectric Withstanding Voltage



Performing in an operating temperature range from -55°C to 120°C, TT electronics IRC's MHP150 through MHP600 Series SOT-227-style power resistors display a dielectric withstanding voltage of 4,000 VAC. The UL94V0-approved components possess power ratings of 150 W, 200 W, 250 W, 300 W, 550 W, and 600 W. The units exhibit a resistance range from 0.1 Ω to 1 K Ω , tolerances from $\pm 1\%$ to $\pm 5\%$, and TCRs of ± 100 ppm/ $^{\circ}\text{C}$ when resistance is >1 Ω and ± 250 ppm/ $^{\circ}\text{C}$ when resistance is <1 Ω . Applications include high-voltage motor drives, military and medical X-ray equipment, pulse generators, high-frequency amplifiers, and power supply snubbers.

TT electronics IRC
361-992-7900, www.irctt.com [1]

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