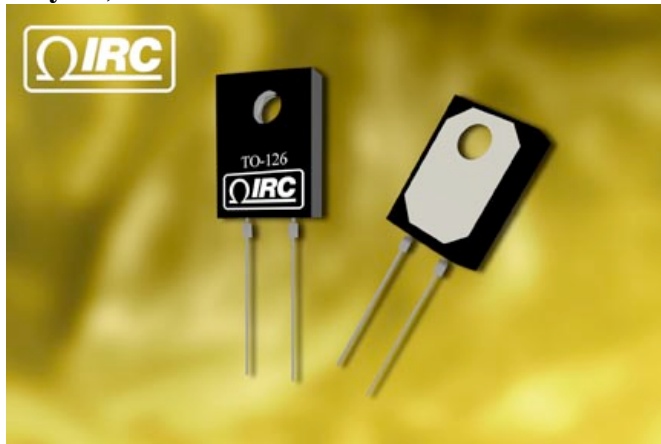


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*Space-saving, RoHS-compliant device boasts high power ratings...*

## **IRC's TO-126 RESISTOR FEATURES LOW THERMAL RESISTANCE IN HIGH-POWER PACKAGE**

CORPUS CHRISTI, TX (July 20, 2007) — Providing design engineers with a compact, high-power resistive device for applications with limited PC board space, TT electronics IRC Advanced Film Division's MHP20S Series TO-126 resistor features a non-inductive thermal resistant design and is rated up to 20W.

“The MHP20S power resistor features a complete thermal design, allowing for power ratings that normally wouldn't be realized in a TO-126 package,” said Gary Bleasdel, thick film business unit director for IRC Advanced Film Division. “The high-power capability in the space-saving design makes the resistor ideal for power circuit applications, particularly those in automatic test equipment.”

- more -

## **IRC's TO-126 POWER RESISTOR FEATURES LOW THERMAL RESISTANCE, PG. 2**

Within automatic test equipment applications, the MHP20S resistor is specified for pin driver use in IC and board testers. Additional applications include pulse handling circuits, motor control and drive circuits, and switch-mode power supplies.

The MHP20S Series 20W resistors feature a resistance range of 0.01Ω to 220Ω, with a thermal resistance of 5.9°C and a dielectric withstanding voltage of 2000VDC. Absolute tolerances are to ±1% and ±5%, with absolute TCR to ±50ppm/°C. Operating temperature range is -55°C to +155°C. IRC will also produce devices outside these specifications to meet customer requirements.

Pricing for the MHP20S Series TO-126 power resistor is \$0.52 each in quantities of 500 pieces. Lead time is from stock to 8 weeks.

For datasheets or more information on IRC's MHP20S Series power resistor, please access the Web site at <http://www.irctt.com/products.aspx?frmCategory=34>. For additional information, please contact the TT electronics IRC Advanced Film Division Sales & Marketing Department at 361-992-7900; via mail at 4222 S. Staples St., Corpus Christi, TX 78411; or e-mail at [afdsales@irctt.com](mailto:afdsales@irctt.com).

IRC Inc. is a leading international manufacturer of advanced film, metal glaze and wirewound resistive products with facilities in Corpus Christi, Texas, Boone, N.C., Smithfield, N.C., and Barbados. IRC is part of TT electronics plc, a global electronics company manufacturing a broad range of advanced electronic components, assemblies and sensor modules for the automotive, telecommunications, computer and aerospace markets.