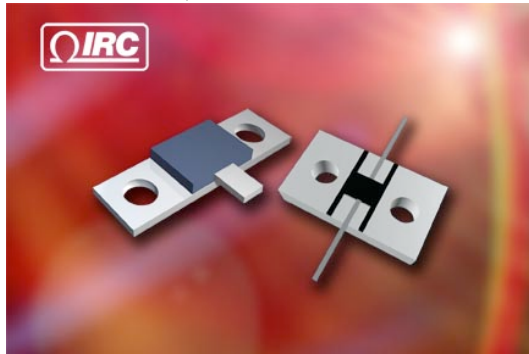


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Surface mount flanged terminators, attenuators feature low VSWRs at high frequencies...

IRC DEVELOPS 250W RF POWER TERMINATOR AND 10W RF POWER ATTENUATOR FOR HIGH FREQUENCY APPLICATIONS

CORPUS CHRISTI, TX (December 17, 2007) — Providing design engineers with high power devices suitable for RF and microwave applications, TT electronics IRC Advanced Film Division has developed a high power attenuator and surface mount transmission line terminator. Designated the PAT3060P Series attenuator and RFTF Series terminator, both devices feature low VSWRs at high frequencies, providing an excellent combination of power dissipation and performance in the RF and microwave bands.

“The construction of these devices maximizes performance at RF frequencies at high power dissipation,” said Jerry Seams, applications engineering manager for IRC Advanced Film Division. “The terminator combines the benefits of planar design with the high thermal conductivity of aluminum nitride, while the attenuator is offered in a flanged package for direct heat sink mounting.”

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IRC DEVELOPS RF POWER TERMINATOR, ATTENUATOR FOR HIGH FREQUENCY APPS, PG. 2

The PAT3060P Series attenuator and RFTF Series terminator are ideal for high frequency and high power applications including RF power meters, RF and microwave power amplifiers, radar, satellites, avionics, wireless communications, RF power sources and RF/microwave test instruments.

The PAT3060P high power attenuator features a frequency range from DC to 10GHz with a VSWR of less than 1.3 at 10GHz. Attenuation values include 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 16 and 20dB. The attenuator is rated to 10W when heatsinked (1.5W without a heatsink). Impedance is 50Ω, with an operating temperature of -55°C to +125°C.

The RFTF Series high frequency terminator is available with power ratings to 250W. Stray capacitance is <1.0pF at 250W and operating frequency ranges from DC to 3GHz, with a VSWR of less than 1.1 at 3GHz. DC Resistance is 50Ω with tolerances to ±1%, ±2% and ±5%. The operating temperature range is from -55°C to +155°C.

Pricing for the PAT3060P attenuator starts at \$10.50 each in quantities of 50 pieces. Pricing for the RFTF Series terminator starts at \$8.75 in quantities of 100 pieces. Lead time is 6 weeks for the PAT3060P and 8 weeks for the RFTF.

For datasheets or more information on IRC's terminators and attenuators, please access the Web site at <http://www.irctt.com/products.aspx?frmCategory=26> and <http://www.irctt.com/products.aspx?frmCategory=28>. 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.

IRC DEVELOPS RF POWER TERMINATOR, ATTENUATOR FOR HIGH FREQUENCY APPS, PG. 3

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.

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To request the electronic image, call 919-872-8172, or e-mail: bgaddy@btbmarketing.com

Keywords: TT electronics, IRC, RFTF, PAT3060P, terminator, attenuator, RF, power

URLs: <http://www.irctt.com/products.aspx?frmCategory=26>;

<http://www.irctt.com/products.aspx?frmCategory=28>