

Transistors Target Avionic and Radar Apps



Tyco Electronics' MAPRST0912-50, MAPRST0912-350 and MAPR-000912-500S00 bipolar transistors perform in pulsed avionics and radar applications including air traffic control (ATC) systems, distance measurement equipment (DME) and identification friend or foe (IFF) systems. The 50 W peak MAPRST0912-50 offers a minimum gain of 9 dB and 40% minimum collector efficiency on a 50 V DC supply in driver stages in pulse power amplifier applications. The 350 W peak MAPRST0912-350 exhibits a minimum gain of 9.4 dB and 45% minimum collector efficiency on a 50 V DC supply in intermediate amplifier stages. The 500 W peak MAPR-000912-500S00 provides a minimum gain of 9 dB and 45% minimum collector efficiency on a 50 V supply in amplifier final stages. The devices operate in frequencies from 960 to 1,215 MHz.

www.tycoelectronics.com
800-366-2266

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