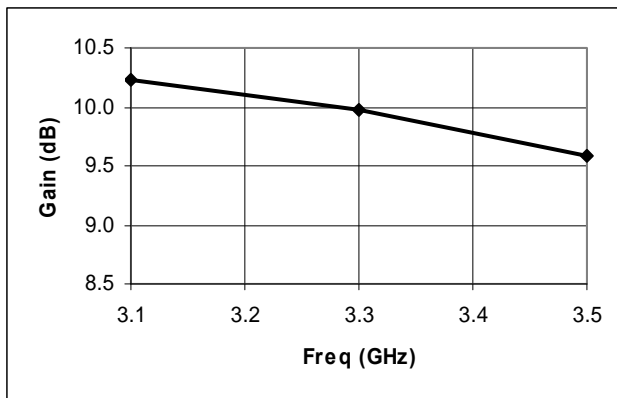


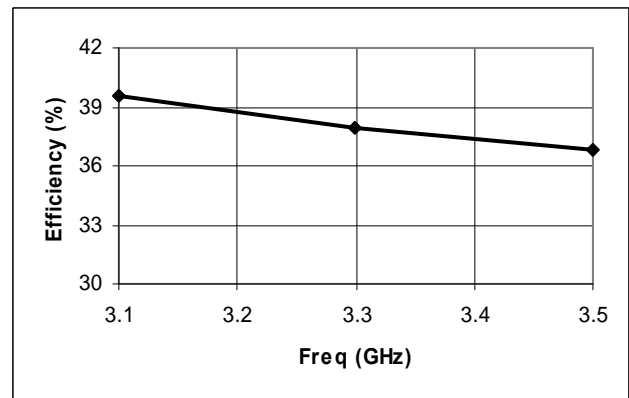
Typical RF Performance

Freq. (GHz)	Pin (W)	Pout (W)	Gain (dB)	Ic (A)	Eff (%)	RL (dB)	VSWR-T (2:1)
3.1	0.7	7.37	10.22	0.565	39.5	-10.6	P
3.3	0.7	6.98	9.98	0.558	37.9	-19.3	P
3.5	0.7	6.36	9.58	0.523	36.9	-11.2	P

Gain vs. Frequency

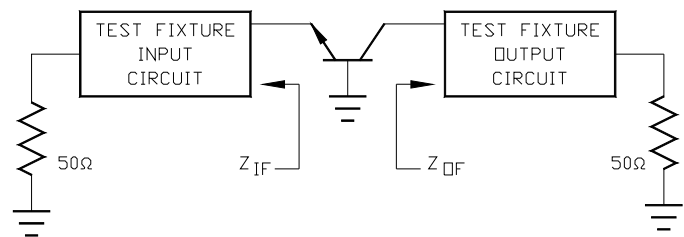


Collector Efficiency vs. Frequency



RF Test Fixture Impedance

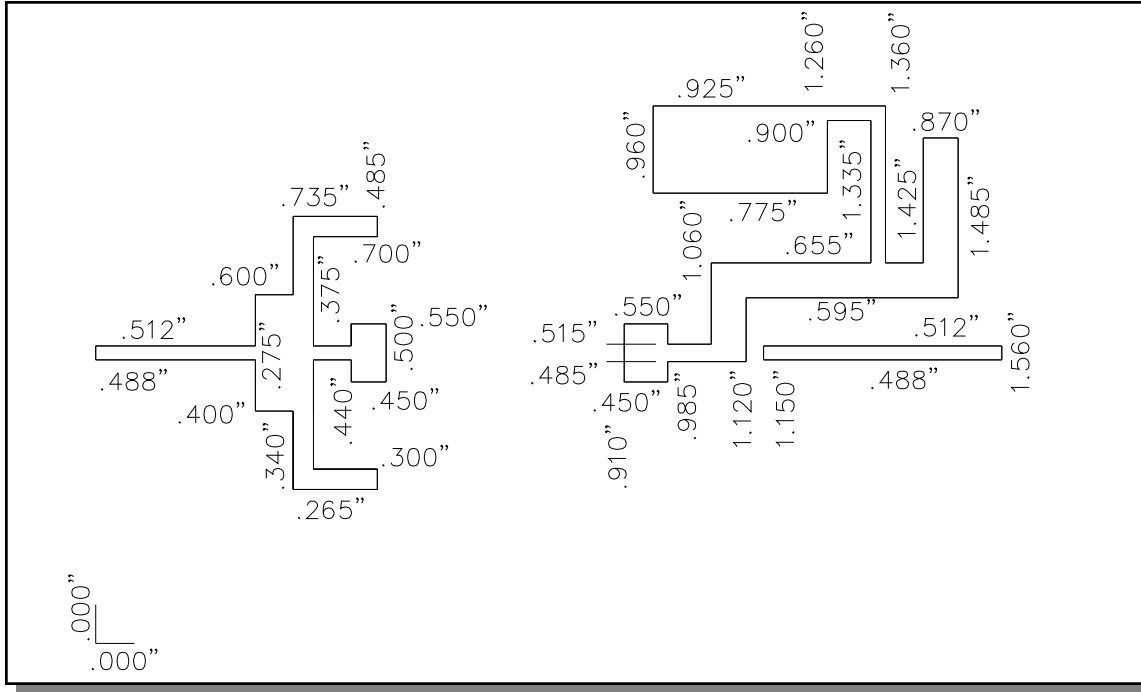
F (GHz)	Z _{IF} (Ω)	Z _{OF} (Ω)
3.1	24 - j4.4	24 - j20
3.3	20 - j0.7	18 - j11
3.5	17 + j3.9	15 - j3.0



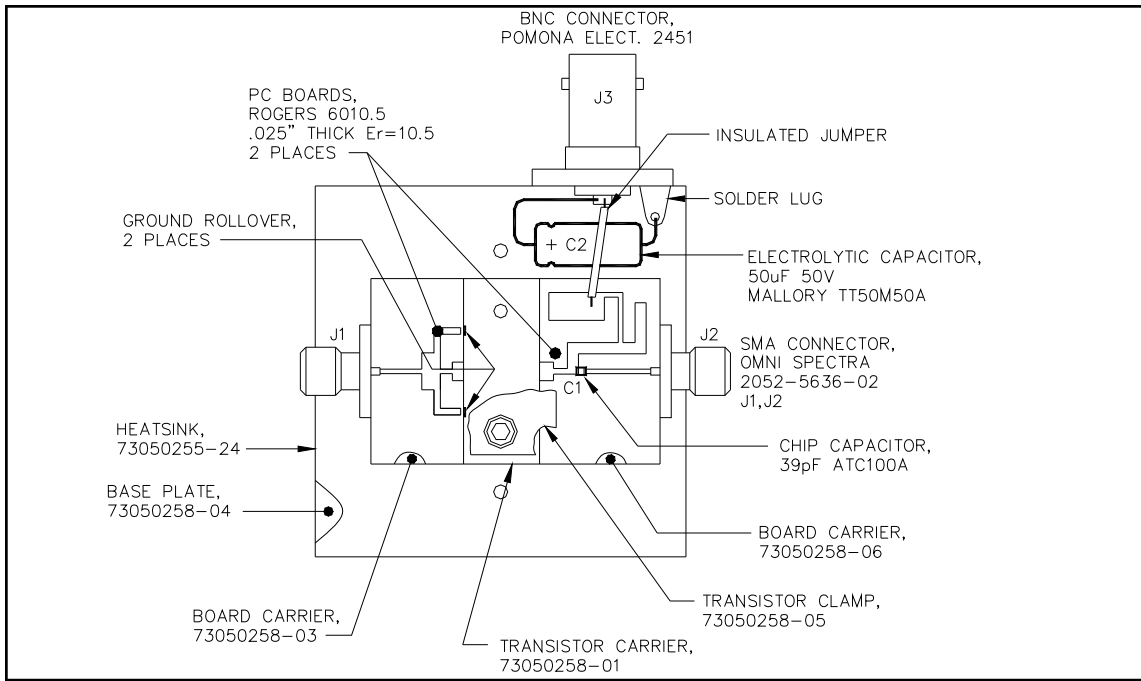
Radar Pulsed Power Transistor
5W, 3.1-3.5 GHz, 100µs Pulse, 10% Duty

M/A-COM Products
Released, 10 Jul 07

Test Fixture Circuit Dimensions



Test Fixture Assembly



ADVANCED: Data Sheets contain information regarding a product M/A-COM Technology Solutions is considering for development. Performance is based on target specifications, simulated results, and/or prototype measurements. Commitment to develop is not guaranteed.

PRELIMINARY: Data Sheets contain information regarding a product M/A-COM Technology Solutions has under development. Performance is based on engineering tests. Specifications are typical. Mechanical outline has been fixed. Engineering samples and/or test data may be available. Commitment to produce in volume is not guaranteed.

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