

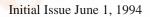
ELECTRICAL CHARACTERISTICS @ 25 °C

SYMBOL	CHARACTERISTICS	TEST CONDITIONS	MIN	ТҮР	MAX	UNITS
Pout Pin Pg η _c VSWR	Power Out Power Input Power Gain Collector Efficiency Load Mismatch Tolerance	F = 1025-1150 MHz Vcc = 50 Volts PW = 10 μ sec DF = 1% F = 1090 MHz	150 7.8	8.3 40	25 20:1	Watts Watts dB %

	Emitter to Base Breakdown Collector to Emitter Breakdown	Ie = 15 mA $Ic = 25 mA$	4.0 55	a7	TP	Volts Volts
Cob	Capacitance Collector to Base DC - Current Gain Thermal Resistance	Vcb = 50 Volts Ic = 250 mA, Vce = 5 V	20	WWW	0.6	pF °C/W

Note 1: At rated output power and pulse conditions

2: At rated pulse conditions



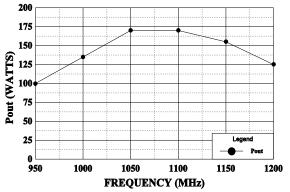
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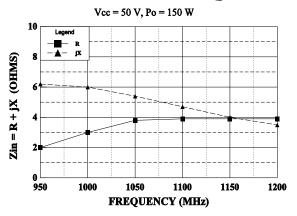


POWER OUTPUT

Vcc = 50 V, Pin = 25 W

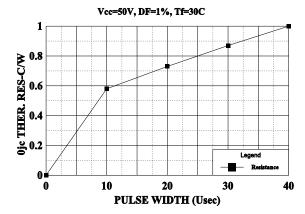


SERIES INPUT IMPEDANCE vs FREQUENCY



DME150

THERMAL RESISTANCE vs PULSE WIDTH



SERIES LOAD IMPEDANCE vs FREQUENCY

