

**2224-6L** 6 Watts, 22 Volts, Class C Microwave 2200-2400 MHz

The 2224-6 Class C our input prem diffused ba	<b>RAL DESCRIPTION</b> 5L is a COMMON BASE transistor c tput power over the band 2200-2400 atching for full Broadband capability illasting are used to provide high relia s. The transistor uses a fully hermetic kage.	MHz. The transistor includes . Gold metalization and ibility and supreme	CASE OUTLINE 55LV STYLE 1
	LUTE MAXIMUM RA	ATINGS 22 Watts	
WIAXIIIIUIII	r ower Dissipation @ 25 C	22 Watts	
Maximum	Voltage and Current		
BVces	Collector to Emitter Voltage	40 Volts	
BVebo	Emitter to Base Voltage	3.5 Volts	
Ic	Collector Current	1.25 Amps	
	Temperatures		↓ ↓
Storage Temperature		- 40 to + 200°C	
Operating Junction Temperature		+ 200°C	

## ELECTRICAL CHARACTERISTICS @ 25 °C

SYMBOL	CHARACTERISTICS	TEST CONDITIONS	MIN	ТҮР	MAX	UNITS
Pout Pin Pg ηc VSWR	Power Out Power Input Power Gain Efficiency Load Mismatch Tolerance	F = 2200-2400 MHz Vcc = 22 Volts Pout = 6.0 Watts	6.0 7.0	40	1.2 10:1	Watts Watts dB %

		Ic = 10 mA Ie = 5 mA Vce = 5 V, Ic = 1 A Vcb = 22 F = 1 MHz Tc = $25^{\circ}$ C	40 3.5 20	7	120 8.0	Volts Volts pF °C/W
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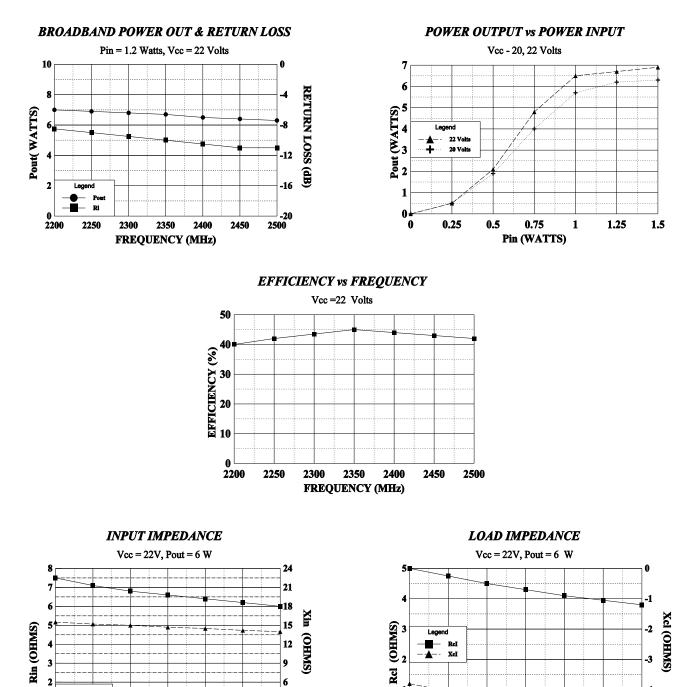
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**FREQUENCY (MHz)** 

August 1996

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Rin Xin ★ 2200

**FREQUENCY(MHz)** 

