

Characteristics	Typical	Guaranteed	
		0° to 50°C	-54° to +85°C
Frequency			
Small Signal Gain (min.)			
Gain Flatness (max.)			
Reverse Isolation			
Noise Figure (max.)			
Power Output @ 1 dB comp. (min.)			
IP3			
IP2			
Second Order Harmonic IP			
VSWR Input / Output (max.)			
DC Current @			

Absolute Maximum Ratings

Storage Temperature
Max. Case Temperature
Max. DC Voltage
Max. Continuous RF Input Power
Max. Short Term RF Input Power (1 minute max.)
Max. Peak Power (3 μ sec max.)
“S” Series Burn-in Temperature (Case)

Thermal Data: $V_{cc} =$

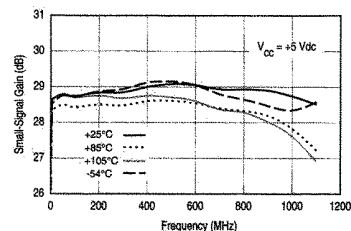
Thermal Resistance θ_{jc}
Transistor Power Dissipation P_d
Junction Temperature Rise Above Case T_{jc}

Outline Drawings

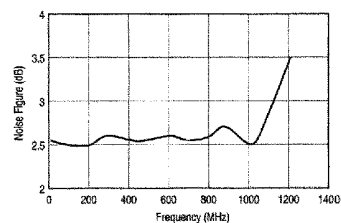
Package	TO-8	Surface Mount	SMA Connectorized
Figure			
Model			

Typical Performance @ 25°C

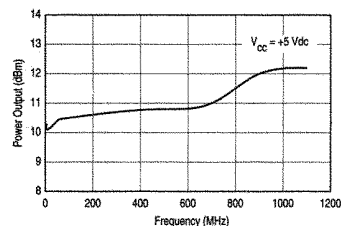
Small Signal Gain



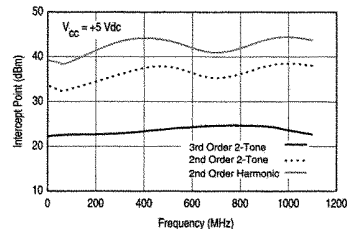
Noise Figure



Power Output (1dB Gain Compression)



Intercept Point



VSWR

