





Typical Performance @ 25°C

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 µsec max.)

"S" Series Burn-in Temperature (Case)

Thermal Data: $V_{cc} =$

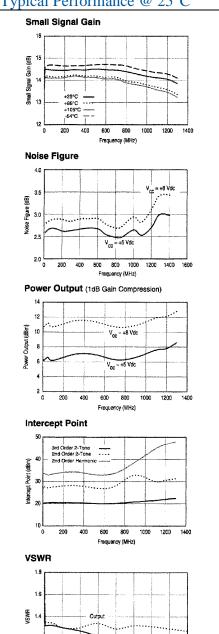
Thermal Resistance θ_{ic}

Transistor Power Dissipation P_d

Junction Temperature Rise Above Case Tic

Outline Drawings

Package	TO-8	Surface Mount	SMA Connectorized
Figure			
Model			



100

300 400 500 Frequency (MHz)

