



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 @ 15 Volts (max.)			

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: $V_{cc} = 15 \text{ Vdc}$

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

