



Features

- Frequency Range: 320~380MHz
- Low Noise: 0.9dB(Typical)
- Standard Hermetic Package
- Operating Temperature Range: -55°C ~ +85°C

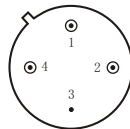
Specifications (50 Ω, V_{CC} = +5V, T_A = -55°C ~ +85°C)

Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	f _L ~f _H	MHz	320~380	--
Gain	G _p	dB	≥25.0	28.0
Noise Figure	F _n	dB	≤1.2 Δ	0.9
Input VSWR	VSWR _i	--	≤2.5:1 Δ	2.0:1
Output VSWR	VSWR _o	--	≤2.5:1 Δ	1.4:1
DC Current	I _{CC}	mA	--	12

“Δ” T_A = 24 ± 1°C;

Maximum Rating

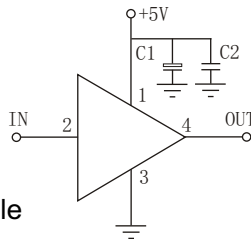
DC Voltage : +5.5VDC
 RF Input: +10dBm
 Storage Temp: +125°C



T0-8F

Application Notes

1. Typical application shown as right, C₁ = 10~33 μF ; C₂ = 3300~6800pF;
2. See assembly section for mounting information
3. Connectorized package(SMA-2) available
4. ESD observe handling precautions



Typical Curves

