



Features

- Frequency Range: 320~380MHz
- Low Noise: 0.7dB(Typ)
- Standard Hermetic Package TO-8F
- Operating Temperature Range: -55°C~+85°C

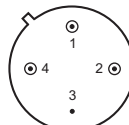
Electrical (50 Ω, V_{CC}=+5V, T_A=-55°C~+85°C)

Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	f _L ~f _H	MHz	320~380	--
Gain Flatness	Gp	dB	≥ 25	28
Noise Figure	F _n	dB	≤ 1.2Δ	0.7
Input VSWR	VSWR _i	--	≤ 2.5:1Δ	2.0:1
Output VSWR	VSWR _o	--	≤ 2.5:1Δ	1.4:1
Supply Current	I _{CC}	mA	--	12

Note: “ Δ ” T_A=24 ± 1°C.

Maximum Ratings

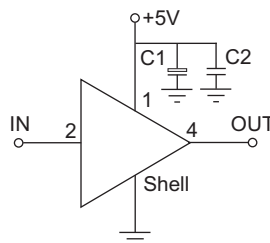
- Power supply: +5.5V_{DC}
- RF input: +10dBm
- Storage Temp: +125°C



TO-8F

Application Notes

1. Interface schematic shown as right, C₁=3.3~22 μ F, C₂=3300~6800pF.
2. ESD observe handling precautions.
3. Connectorized package (SMA-2) available.
4. See assembly section for outline and mounting information.



Typical Curves

