

Features

- Frequency Range: 7.5~8.5GHz
- Output power: 29.5dBm
- Standard Hermetic Package QF92-4A
- Operating Temperature Range: -55°C ~ +85°C

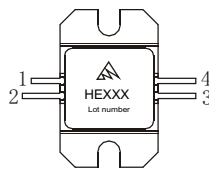
Specifications (50 Ω, V_{CC}=+10V, P_{in}=0dBm, T_A=-55°C ~ +85°C)

Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	f _L ~f _H	GHz	7.5~8.5	7.5~8.5
Gain	G _p	dB	28.0	28.5
Gain Flatness	ΔG _p	dB	±0.5	±0.3
Input VSWR	VSWR _i	---	2.0:1	1.5:1
Saturation Output Power	P _o	dBm	29.0 Δ	29.5
DC Current	I _{CC}	mA	---	0.35

“Δ” T_A=24±1°C;

Maximum Rating

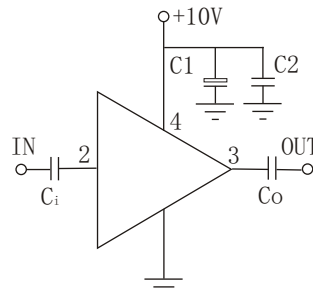
DC Voltage : +11.0V
 RF Input: +10dBm
 Storage Temp: +125°C



QF92-4A

Application Notes

1. Typical application shown as right: C₁=10~33 μF ; C₂= 1000~3300pF;
2. The output port should be connected with an isolator;
3. See assembly section for mounting information
4. Input port and output port should be avoided operating under short、 open or high VSWR state .
5. Heat sink must be provided in use.



Typical Curves

