



Features

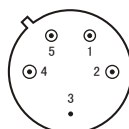
- Thin film construction
- Hermetic package TO-8B
- Operating temperature range: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Specifications(measured in a 50Ω system , $V_{CC}=+15\text{V}$, $T_A=-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$)

Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	$f_L \sim f_H$	MHz	5~1000	—
Attenuation(Max)	A_{Max}	dB	23	25
Insertion loss	IL	dB	2.5	2.2
VSWR of input/output	VSWR	—	2.0:1	1.5:1
DC Supply	V_{CC}	V	—	+15
DC Current	I_{CC}	mA	—	14
Control voltage	V_{CO}	V	—	0~15
Control Current	I_{CO}	mA	—	0~7

Absolute Maximum Ratings

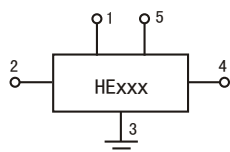
DC Supply: $+18\text{V}_{DC}$
Input Power: $+20\text{dBm}$
Storage Temp: $+125^{\circ}\text{C}$



TO-8B

Application Notes

- 1.Functional schematic shown as following,which include an internal coupling capacitor.
- 2.Interexchangeable input and output ports
- 3.Cascaded with amplifier can be used as VGC amplifier
- 4.See assembly section for mounting method



1. V_{CC}
2. RF input
3. GND
4. RF output
5. V_{CO}

Typical Performance

