

**Features**

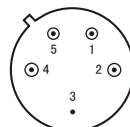
- Thin film construction
- Hermetic package TO-8B
- Operating temperature range: -55°C ~ +85°C

**Specifications**( measured in a 50 Ω system , V<sub>cc</sub>=+15V, T<sub>A</sub>=-55°C ~ +85°C)

Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	f <sub>L</sub> ~f <sub>H</sub>	MHz	5~2000	—
Attenuation(Max)	A <sub>Max</sub>	dB	17	18
Insertion loss	IL	dB	3.3	3.1
VSWR of input/output	VSWR	—	2.0 : 1	1.5 : 1
DC Supply	V <sub>CC</sub>	V	—	+15
DC Current	I <sub>CC</sub>	mA	—	14
Control voltage	V <sub>CO</sub>	V	—	0~15
Control Current	I <sub>CO</sub>	mA	—	0~7

**Absolute Maximum Ratings**

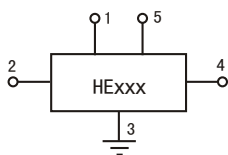
DC Supply: +18V<sub>DC</sub>  
 Input Power:+20dBm  
 Storage Temp:+125°C



TO- 8B

**Application Notes**

- 1.Functional schematic shown as following,which include an internal coupling capacitor.
- 2.Interexchangeable input and output ports
- 3.See assembly section for mounting method



1. V<sub>CC</sub>
2. RF input
3. GND
4. RF output
5. V<sub>CO</sub>

**Typical Performance**

