



**Features**

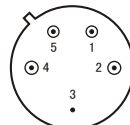
- Thin film coustruction
- Hermetic package TO-8B
- Operating temperature range: -55°C ~ +85°C

**Specifications**( measured in a 50Ω system , Vcc=+15V, TA=-55°C ~ +85°C)

Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	$f_L \sim f_H$	MHz	20~2000	-
Attenuation(Max)	$A_{Max}$	dB	20	22
Insertion loss	IL	dB	2.7	2.4
VSWR of input/output	VSWR	-	2.0 : 1	1.5 : 1
DC Supply	Vcc	V	-	+15
DC Current	Icc	mA	-	14
Control voltage	Vco	V	-	0~15
Control Current	Ico	mA	-	0~7

**Absolute Maximum Ratings**

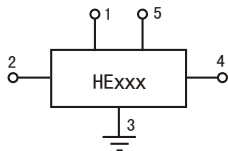
- DC Supply: +18V<sub>DC</sub>
- Input Power:+20dBm
- Storage Temp:+125°C



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. Vcc
- 2. RF input
- 3. GND
- 4. RF output
- 5. Vco

**Typical Performance**

