

Features

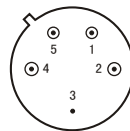
- Thin film construction
- Hermetic package TO-8B
- Operating temperature range : -55°C ~ +85°C

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	20~500	—
Attenuation(Max)	A_{Max}	dB	31	33
Insertion loss	IL	dB	1.8	1.5
VSWR of input/output	VSWR	—	2.0:1	1.4:1
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

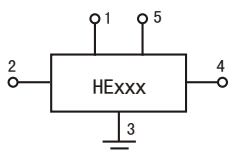
- DC Supply: +18V_{DC}
- Input Power:+20dBm
- Storage Temp:+125°C



TO- 8B

Application Notes

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



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

Typical Performance

