

Features

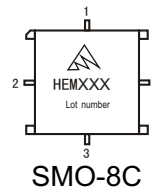
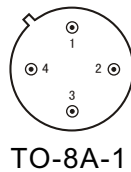
- Thin film construction
- Hermetic package
- Operating temperature range: -55°C ~ +85°C

Specifications (measured in a 50Ω system, V_{CC}=+5V, T_A=-55°C ~ +85°C)

| Parameter | Symbol | Unit | Guaranteed | Typical |
|-------------------------|----------------------------------|------|------------|-----------|
| Frequency Range | f _L ~f _H | MHz | 20~200 | 5~300 |
| Attenuation(Max) | A _{Max} | dB | 57.0 | — |
| Insertion loss | IL | dB | 3.2 | 2.9 |
| VSWR of input/output | VSWR _i | — | 1.8:1 | 1.3:1 |
| VSWR of output | VSWR _o | V | 1.8:1 | 1.3:1 |
| DC Current | I _{CC} | mA | — | 10 |
| Control voltage/Current | V _{CO} /I _{CO} | V/mA | — | 0~15/0~20 |

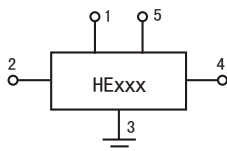
Absolute Maximum Ratings

DC Supply: +7V_{DC}
 Input Power: +23dBm
 Storage Temp: +125°C



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_{CC}
 2. RF input
 3. V_{CO}
 4. RF output
- The metal case is Ground

Typical Performance

