

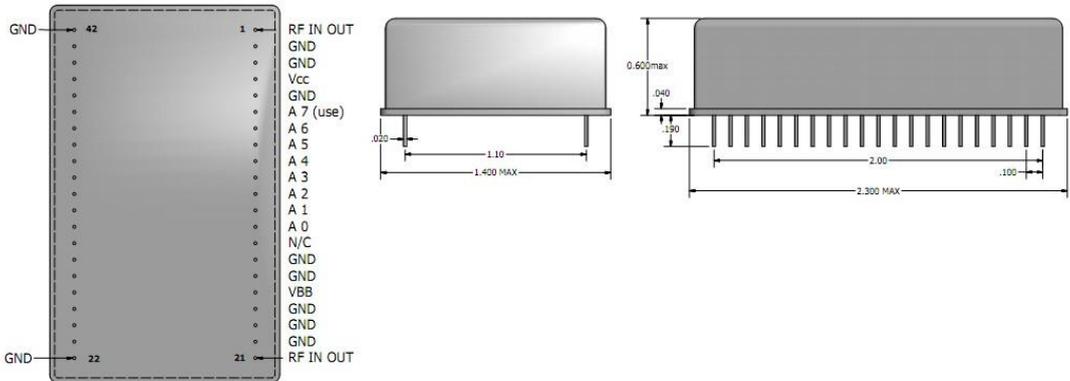


Electrical Specifications

Frequency Range:	225MHz to 512MHz in 250 channels
Center Frequency(Fo):	$F_o = \left(\frac{F_{desire} - F_{low}}{F_{high} - F_{low}} \right) \times 250$ Digitally Controlled
Bandwidth@3db:	3.5%min to 5% max.
Insertion Loss@Fo:	5.0 db max.
VSWR:	1.8:1
Rejection:	30 db min @ +/-20% of Fo
Zin=Zout:	50 ohms
Tuning speed:	10 usec max.
In Band RF Power:	1.25W Max. CW
Operating Temperature:	-45°C to +80°C

Mechanical Drawing & Pin Connections

Mechanical



Binary Code

A0	1
A1	2
A2	4
A3	8
A4	16
A5	32
A6	64
A7	128

Notes : Voltage for tuning and testing

- Vcc = + 5 V
- Icc = < 120 mA
- Vbb = + 100 V
- Ibb = ≤ 1.6 mA for Voltage range + 15 V to + 100 V