

Features and Benefits

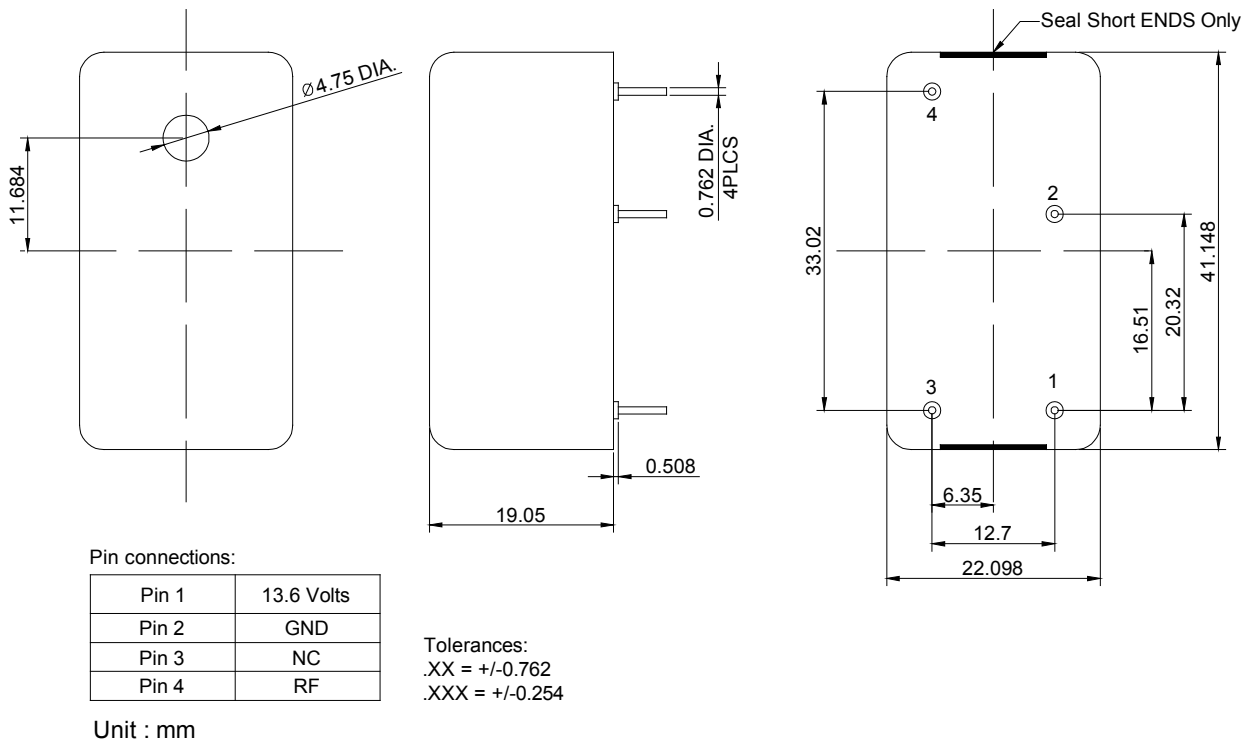
- Custom 5.6 MHz
- Custom 13.6 V DC supply
- sine wave in custom output load
- +/- 0.5 ppm stability over -20C to +60C
- Mechanical Frequency Adjust Port
- 41 mm x 22 mm x 19 mm leaded package

Description and Typical Applications

A custom designed TCXO specifically used in a UHF mobile radio system as the reference clock. Analog compensation is utilized internally to minimize noise and provide a very stable output over operating temperature. A rugged solder-sealed package provides resistance to harsh environmental conditions.

Mechanical Drawing & Pin Connections

Drawing No: MD150053-1



Specifications

Specification	Sym	Condition	Value			Unit	Note
			Min.	Typ.	Max.		
Nominal Frequency			5.6			MHz	
Frequency Stability							
Temperature Characteristics		-20°C TO +60°C	+/-0.5			PPM	
Aging		1 year	+/-1.0			PPM	
Supply Voltage							
Voltage			13.6 +/- 20%			V	
Current					30	mA	
Output							
Level			400		600	mV rms	
Load			270 Ohm 100pF				
Harmonics					-20	dB	