

HPXO2013L

Crystal Oscillator in Double-sealed DIL14 package

Features and Benefits

HCMOS output

+/-100ppm max vs. temperature

20.7x13.1x7.5mm DIL14 package

Description

HPXO2013L is HCMOS output XO

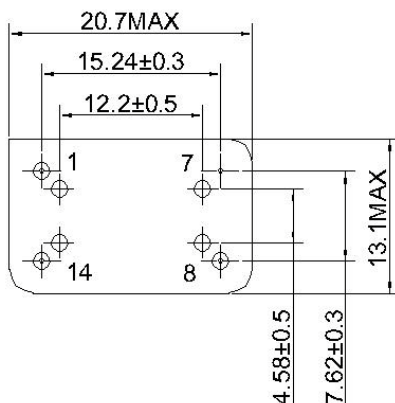
Typical Applications

SATCOM ●Point to Point
Receiver ●Radio
Test Equipment ●MMDS
Radar ●WiMax

Mechanical Drawing & Pin Connections

Drawing No: MD140066-2

Bottom View

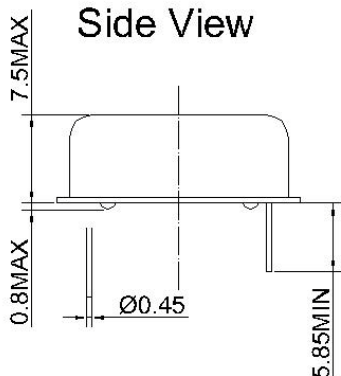


Pin Connections:

PIN #	Symbol	CONNECTION
1	N.C.	No Connection
7	GND	Ground
8	RF OUT	RF Output
14	Vs	Supply Voltage

Unit : mm

Side View



HPXO2013L

Crystal Oscillator in Double-sealed DIL14 package

Specifications

VCXO Specification	Sym	Condition	Value			Unit	Note
			Min.	Typ.	Max.		
Frequency Range	F ₀		1		150	MHz	
RF Output							
Output Waveform			HCMOS				
Load				15		pF	
Rise & Decay Time					5	ns	
Symmetry (Duty Cycle)		@ V _{cc} /2	40		60	%	
Power Supply							
Voltage	V _{cc}		3.15	3.3	3.45	V	Optional
			4.75	5.0	5.25		
Current Consumption(Steady State)	I _{steady}	For V _{cc} =3.3V			45	mA	
		For V _{cc} =5.0V			25		
Start-up Time					10	ms	
Frequency Stability							
Overall Stability			+/-10 to +/-100			ppm	For more information, Please consult sale
Vs. Operating Temperature Range					+/-100	ppm	For more information, Please consult sale
Aging	Long Term Per Year	@ 40°C			+/-2	ppm	
Environmental							
Storage Temperature Range	-55°C to +125°C						
Packing	Palette or Tube						
Size	20.7x13.1x7.5mm max,						
Weight	5g max						