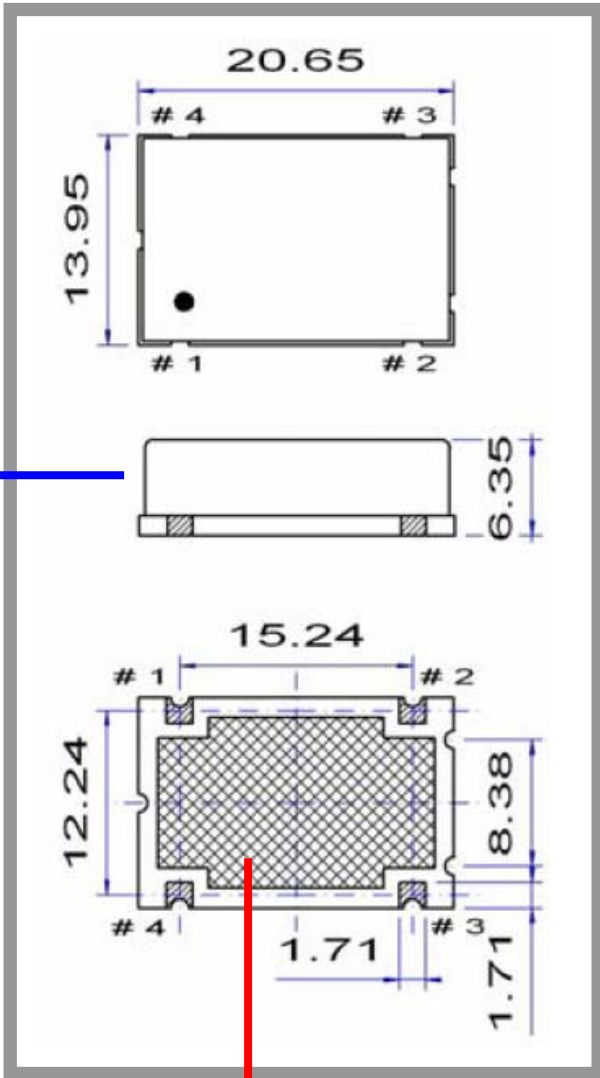


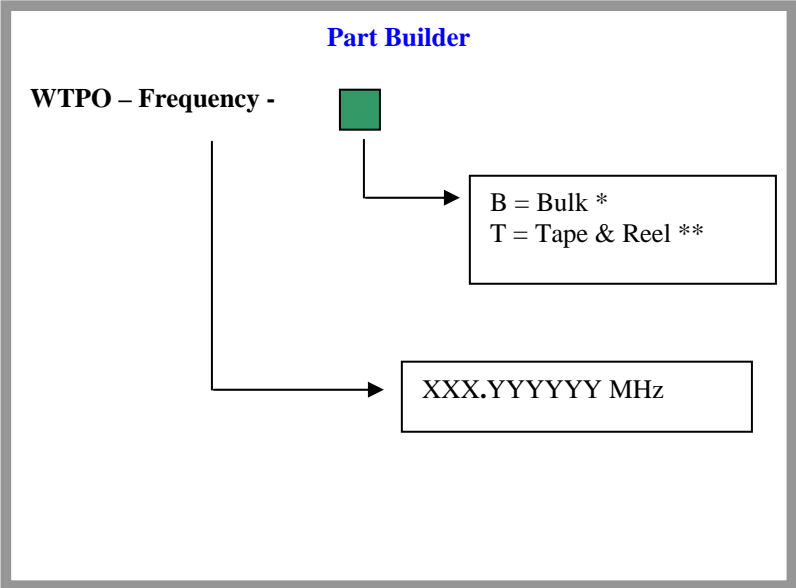


Parameter	Min	Typical	Max	Units
Resonant Frequency		10.000000		MHz
Supply Voltage (Vdd)	3.00	3.30	5.50	Volts
Supply Current		< 7.00	10.00	mA
Rf Output		HCMOS		
Rf Output Characteristics				
VOH	0.9*Vdd			Vp-p
VOL			0.1*Vdd	Vp-p
Rise Time		1.10	2.0	ns
Fall Time		1.40	2.0	ns
Symmetry	45	49/51	55	%
Output Coupling		DC-Blocked [AC-Coupled]		
Set Tolerance (as received frequency at 25°C ±3°C; Referenced to nominal frequency at Vc = 1.50V)	-0.50		+0.50	ppm
Shift through standard reflow (240°C max.) 2-hours post reaching thermal equilibrium @ 25°C	-1.00		+1.00	ppm
Temperature Stability over (-55°C to +105°C) Referenced to stabilized frequency at (25°C±3°C)	-1.00		+1.00	ppm
Phase Noise				
@ 10 Hz offset from 10MHz Carrier			-90	dBc/Hz
@ 100 Hz offset from 10MHz Carrier			-125	dBc/Hz
@ 1,000 Hz offset from 10MHz Carrier			-145	dBc/Hz
@ 10,000 Hz offset from 10MHz Carrier			-150	dBc/Hz
@ 100,000 Hz offset from 10MHz Carrier			-155	dBc/Hz
Aging				
First Year			±1.00	ppm
10-Years			±3.00	ppm
Frequency Adjust Port				
Control Voltage Range (Vc)	0.00	1.50	3.00	Volts
Frequency Pull Range	±3.00			ppm
Control Port Impedance	10			kΩ
Control Port Bandwidth	10			KHz



This is the Keep out Area

Pin #	Function
1	Vcontrol
2	GND
3	RF Output
4	VDD



* = Bulk parts are shipped in Anti-Static-Bag
 ** = Standard Tape & Reel quantity is (500) units

6.35 mm is Typical Height, with 7mm Max.