

Features

- Output signal: Clipped sine output
- Overall stability: ± 4.60 ppm including 20 years aging

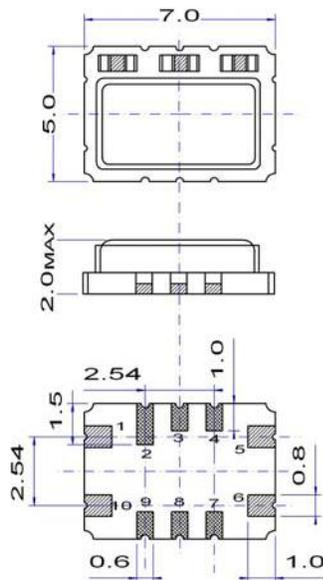
Applications

- Transmission, TDM networks, SDH, SONET, mobile radio, STRATUM III, wireless backhaul, femtocells, picocells

Specification

Operating Frequency	40.000000 MHz		
Frequency Stability:	$\leq \pm 4.60$ ppm	Overall stability including 20 years aging	
Vs. Temperature	$\leq \pm 0.5$ ppm	-40 ~ +85 °C	
Vs. Aging	$\leq \pm 2.8$ ppm	20 years	
Vs. Supply and load 5% change in each	$\leq \pm 0.3$ ppm		
Frequency Tolerance 24 hrs. after reflow	$\leq \pm 1.00$ ppm	@ +25 °C	
Supply Voltage	+3.3 V \pm 5%		
Supply Current	< 10 mA		
Output Signal	Clipped Sine		
Output Load			
Tri-state Function	Pin#9 High or Open	Pin#6	Output Signal
	Pin#9 Low	Pin#6	No Output Signal
Phase Noise @ 40.0 MHz carrier frequency	-145 dBc/Hz	@ 10 kHz Typical	
Operating Temperature Range	-40 °C to +85 °C		Outdoor Use
Storage Temperature Range	-55 °C to +125 °C		

Outline Dimensions & PIN Function & Solder Pattern



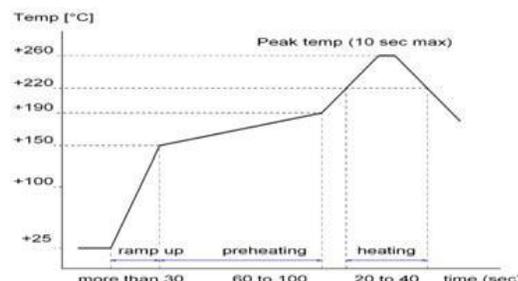
Pin Function

#1	Open
#5	GND
#6	Output
#9	Tri-state or not connected
#10	Vdc

Do not contact #2, #3, #4, #7 & #8

Do not design any conductive path between the pattern

Example for IR reflow soldering temperature



Example for soldering pattern

