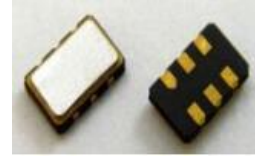


Main Feature

- RoHS compliant
- Seam Sealed Ceramic SMD type
- Supply Voltage in 3.3V & 2.5V



5.0*3.2*1.2mm

Application

- Communication, Test equipment
- Computers, Modems, Microprocessors

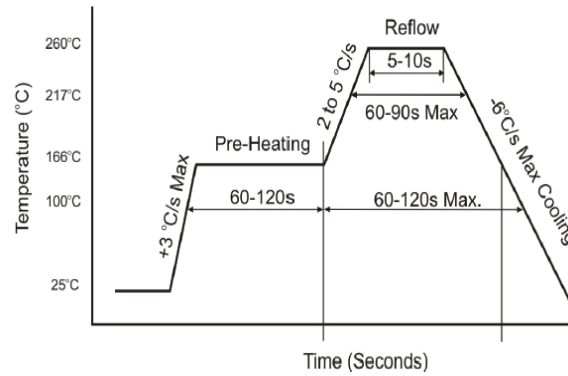
Standard Specification

Frequency Range: 12.0000MHz ~ 35.328MHz
 Supply Voltage: 3.3V (Typ.) or Specify 2.5V
 Frequency Stability: ±25 ~ ±50ppm
 Operating Temperature: -20°C ~ +70°C OR -40°C ~ +85°C
 Symmetry: 40/60 or 45/55
 Storage Temperature: -55 °C ~ +125°C
 Aging (at 25°C): ±5ppm Max.
 Output Load: HCMOS 15pF
 Start up Time: 10 ms Max.
 Rise/Fall Time: 10 ns Max.
 Output Voltage: 10% Max. and 90% Min.
 Linearity: +/-10%
 Enable Input: Input High (>2.2V) or Floating
 Enable/Disable Time: Input Low (<0.8V)
 Package: 1000pcs/Reel

Enable/Disable Function

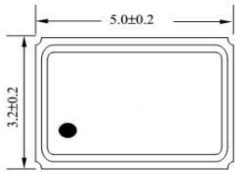
Input (Pin2)	Output (pin 4)
Open	Enabled
"1" Level	Enabled
"0" Level	High Impedance

Reflow Profile Condition(260 ° C Max.)

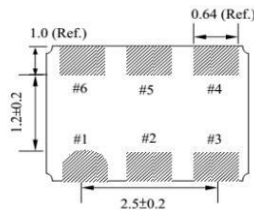


Dimension (Unit: mm)

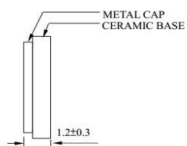
Top View



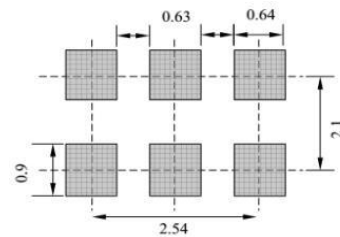
Bottom View



Side View



Solder Pattern



PIN	CONNECTION
#1	Control Voltage
#2	Enable/Disable
#3	Ground
#4	Output
#5	Not connected
#6	Supply

TGS part No. Guide

TGS	VM53	3	2	C B H	01	T	LF	XX	-27M0000	
		1	2	3	4 5 6	7	8	9	10	11

- 1) VM53: TGS Part Family No. and SMD VCXO, 5.0*3.2mm
- 2) Supply Voltage; 5-2.5V; 3-3.3V; 1- 1.8V
- 3) Enable/Disable Function: 2-Yes via pin 2; 0-None
- 4) Frequency Stability: A+/-25ppm; B: +/-50ppm; C: +/-100ppm; J+/-20ppm
- 5) Operating Temp: D-0~70 C; E: -10 ~+60 C; F: -20 ~+70 C; G: -40 ~+85 C
- 6) Symmetry: H: 40/60; I: 45/55
- 7) Output Load: 01: 1-10TTL//15pF; 02:HCMOS 15pF; 03: HCMOS 30pF; 04: HCMOS 50pF
- 8) T: Tape/Reel 9) LF: RoHS compliant 10) XX: 2 letters as Internal Control Code
- 11) Frequency Range in MHz or specify