

**FEATURES**

- Supply Voltage in 3.3V & 5.0V
- Choice of Pullability & Stability
- Enable/ Disable Tristate Function
- Lead Free available

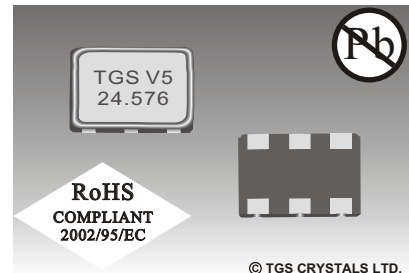
**APPLICATIONS**

- Miniature SM Package

**SPECIFICATION \***

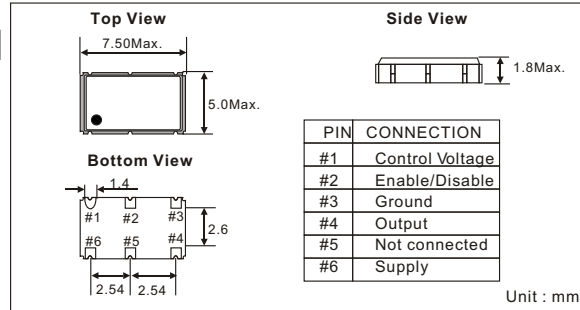
Parameters	Product	Option Code
	SM D VCXO	VM
Frequency Range:	1.8432~40.0MHz	△ Specify
Dimensions:	7.5X5.0X1.8mm	△ 75
Supply Voltage(V <sub>DD</sub> ):	+3.3V +5.0V	△ 3 △ 5
Enable/Disable Function: Tristate(Control via pad 2)	△	2
Frequency Stability:	±25ppm ±50ppm ±100ppm	△ A △ B ▲ C
Frequency Pull ability:	±50ppm Min. Other Values	△ △ Specify
Operating Temp. Range:	0°C~+70°C -40°C ~+85°C	▲ D △ E
Storage Temp. Range:	-40°C~+85°C	▲
Symmetry:	45:55 40:60	△ H △ I
Supply Current:	5mA Max.	▲
Start up Time:	10mS Max.	▲
Rise/Fall time:	6nS Max.	▲
Output Voltage:	'0' level=0.1V <sub>DD</sub> Max. '1' level=0.9V <sub>DD</sub> Min.	▲ ▲
Output Load:	1-10TTL HCMOS 15pF HCMOS 30pF HCMOS 50pF	▲ 01 ▲ 02 △ 03 △ 04
Linearity:	±10%	▲
Enable Input:	Input HIGH(>2.2V) or Floating	▲
Enable/ Disable Time:	Input LOW(<0.8V)	▲
Aging:	±5ppm Max.	▲
Package:	Tape/Reel	△ T
Other Values:	Lead Free	△ LF

▲ Standard \* Specifications Subject to Change Without Notice  
 △ Optional: please specify required code when inquiring or ordering

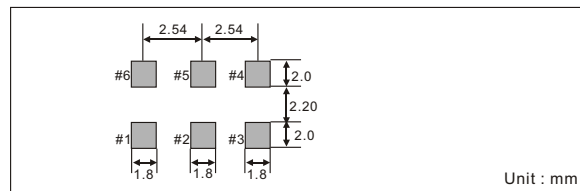


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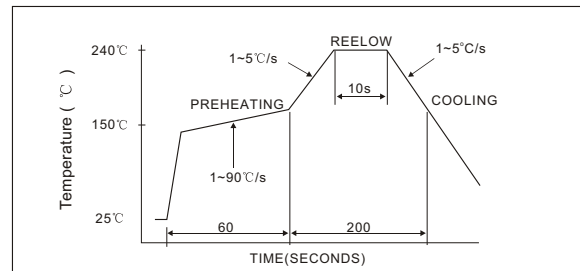
**DIMENSIONS**



**RECOMMENDED SOLDER PAD LAYOUT**



**SOLDER REFLOW PROFILE**



**ENABLE/DISABLE FUNTION**

Input (Pin2)	Output (Pin4)
Open	Enabled
'1' Level	Enabled
'0' Level	High Impedance

**PACKAGE**

- Standard package in T/R: 1000pcs/Reel. 2Reel/box. 5box/Carton  
 See page 121 for detail dimensions

**PARTNUMBER GUIDE**

TGS	V	M	75	5	2	A	D	H	01	-24M576
Mark	VCXO	SMD Type	Dimensions	Supply Voltage	Enable/Diable Function Tristate(Control via pin 2)	Freq. Stability	Operating Temp. Range	Symmetry	Output Load	Freq. Range

e.g. Full P/N.: TGS VM75 52ADH01-24M576

