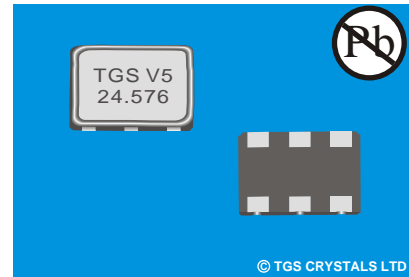


FEATURES

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

APPLICATIONS

- Miniature SM Package

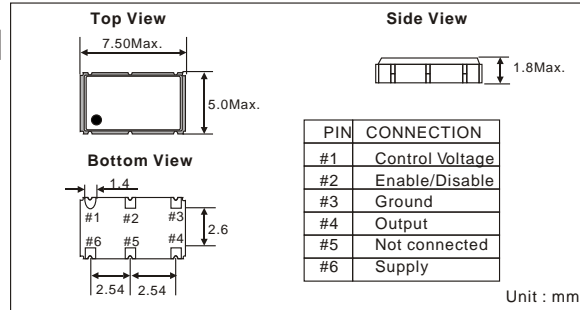


SPECIFICATION *

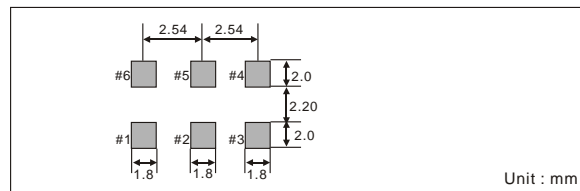
Parameters	Product	Option Code
	SM D VCXO	VM
Frequency Range:	1.8432~40.0MHz	△
Dimensions:	7.5X5.0X1.8mm	△
Supply Voltage(V _{DD}):	+3.3V	△
	+5.0V	△
Enable/Disable Function: Tristate(Control viapad 2)	△	2
Frequency Stability:	±25ppm	△
	±50ppm	△
	±100ppm	▲
Frequency Pull ability: ±50ppm Min. Other Values	△	
	△	Specify
Operating Temp. Range:	0°C~+70°C	▲
	-40°C ~+85°C	△
Storage Temp. Range:	-40°C~+85°C	▲
Symmetry:	45:55	△
	40:60	△
Supply Current:	5mA Max.	▲
Start up Time:	10mS Max.	▲
Rise/Fall time:	6nS Max.	▲
Output Voltage:	‘0’ level=0.1V _{DD} Max.	▲
	‘1’ level=0.9V _{DD} Min.	▲
Output Load:	1-10TTL	▲
	HCMOS 15pF	▲
	HCMOS 30pF	△
	HCMOS 50pF	△
Linearity:	±10%	▲
Enable Input: Input HIGH(>2.2V)or Floating		▲
Enable/ Disable Time: Input LOW(<0.8V)		▲
Aging:	±5ppm Max.	▲
Package:	Tape/Reel	△
Other Values:	Lead Free	△

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

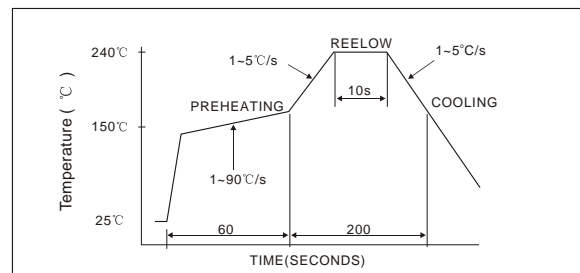
DIMENSIONS



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 inT/R: 1000pcs/Reel. 2Reel/box. 5box/Carton
 See page 89 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 viapin 2)	Freq. Stability	Operating Temp. Range	Symmetry	Output Load	Freq. Range

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

