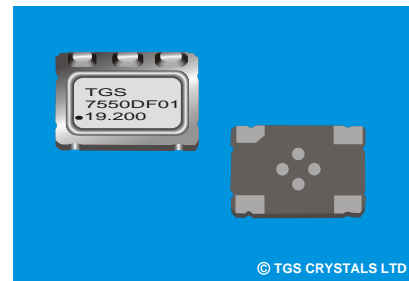


FEATURES

- Stable Frequency Stability over Temperature
- SMD Size 7.0X5.0X1.8mm
- Low Phase Noise & Low Power Supply

APPLICATIONS

- For GSM & CDMA Mobile



SPECIFICATION *

Parameters	Product	Option Code
	SM VCTCXO	VTM
Frequency Range: 10.0MHz ~27.0MHz	△	Specify
Dimensions: 7.0X5.0X1.8mm	△	75
Supply Voltage(V _{DD}):	3.3V	△
	5.0V	△
Frequency Stability:	±1.0ppm	△
	±1.5ppm	△
	±2.0ppm	△
	±2.5ppm	▲
Operating Temp. Range:	-10℃~+60℃	△
	-30℃~+75℃	▲
	-40℃~+85℃	△
Storage Temp. Range:	-40℃~+85℃	▲
Supply Current:	25mA Max.	▲
Frequency Vs Supply Voltage:	±0.2ppmMax.vs V _{DD} ±5%	▲
Frequency Vs Load:	±0.2ppmMax. at R=10KΩ ±10% C=10pF ±10%	▲
AFC Controlled Frequency Range:	±10ppm Max.	▲
Control Voltage:	0.5~2.5V	▲
Output Wave Form:	Clipped Sine Wave	▲
Output Level:	1.5Vp-p Max. R=10KΩ//C=10pF	▲
Load:	10pF//10K Ω	▲
Starting up Time:	35mS Max.	▲
Phase Noise:	10Hz,-90dBc/Hz	▲
	1KHz,-135dBc/Hz	▲
Aging:	±1ppm Max.	▲
Package:	Tape/Reel	△ T

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

PACKAGE

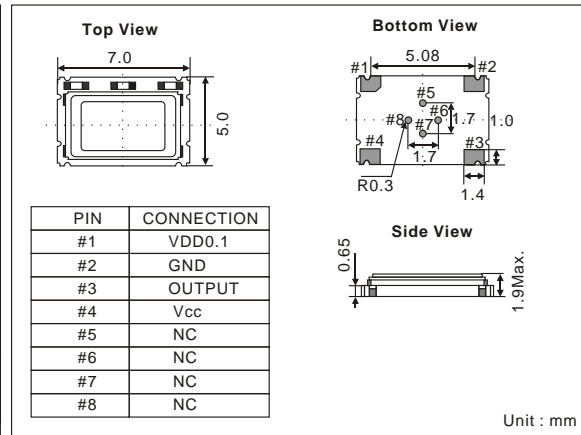
- Standard package inT/R: 1000pcs/Reel 2Reel/Box, 5Box/ Carton
 See page 89 for detail dimensions

PARTNUMBER GUIDE

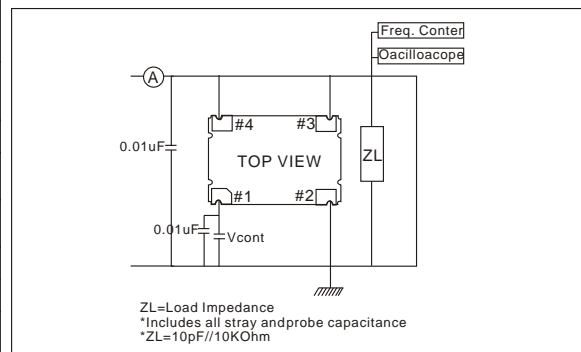
TGS	VT	M	75	50	D	F	-19M200
Mark	VC TCXO	SMD Type	Dimension	Supply Voltage	Freq. Stability	Operating Temp. Range	Frequency Range

e.g. Full P/N.: TGS VTM 7550DF-19M200

DIMENSIONS



TEST CIRCUIT



SOLDER REFLOW PROFILE

